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**DAMES & MOORE**

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May 23, 1997

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For Public Release

U. S. Army Environmental Center (USAEC)
Building E4480
Aberdeen Proving Ground, Maryland 21010

Attention: SFIM-AEC-BCA/Dr. Charles A. Lechner

Reference: Letter Report Summarizing Disposal Methods for Drummed Soil Cuttings, Wa
and Field Generated Waste
Supplementary Remedial Investigation/Feasibility (RI/FS) of
Umatilla Depot Activity (UMDA), Hermiston, Oregon
Contract No. DAAA15-90-D-0015, Delivery Order No. 10

Dear Dr. Lechner:

This letter documents the final disposition and disposal methods for drummed soil cuttings, water, grout, and miscellaneous field waste generated during the Supplementary RI/FS field programs at UMDA, including the follow-up fieldwork at existing RI/FS study sites, Supplementary RI, underground storage tank (UST) investigation, follow-up fieldwork at Site 4, evaporation pond refurbishing, and basalt well abandonment.

1.0 OBJECTIVE AND SCOPE

During Dames & Moore's Supplementary RI/FS field programs at UMDA, all soil cuttings, water, and grout generated as a result of drilling, monitoring well construction, and basalt well abandonment were containerized in 55-gallon drums. Drummed wastes, as well as miscellaneous field waste (e.g., poly pipe, pumps, etc.), were stored in three warehouses (Buildings 411, 412, and 413) until appropriate disposal methods were determined.

When possible, chemical analysis results from samples collected during drilling and groundwater sampling were evaluated to classify drum contents as hazardous or non-hazardous for disposal purposes. In some cases, however, it was not possible to associate environmental sample results with drummed material (e.g., soil samples were not collected during monitoring well installation). In these cases, samples from the drums were collected and analyzed. A list of analytes is provided in Attachment A, along with a copy of all analytical results. Based on analytical results

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and discussions with Mr. Mark Daugherty of UMDA and Dr. Charles Lechner of USAEC, the appropriate disposal methods for hazardous drums, non-hazardous drums, and miscellaneous field waste were determined, as discussed in detail below.

2.0 OFF-POST DRUM DISPOSAL

Based on the chemical analyses and recommendations submitted in previous waste disposal reports dated January 24, 1995 and February 1, 1995, 434 drums were determined to require off-post disposal as hazardous waste (see Attachment B). Based on contaminants and the disposal method, Philip Environmental, Inc. (Philip), the waste disposal firm, grouped these drums into four profiles, designated UMAD-4, UMAD-6, UMAD-16, and UMAD-27. In addition to the analyses mentioned in Section 1.0, Philip also collected and analyzed profile samples required to satisfy off-post disposal requirements. Descriptions of the drum contents are provided on profile sheets (see Attachment C) and summarized below:

- Profile UMAD-4. Profile UMAD-4 included 164 drums containing used grout remaining from monitoring well installations and basalt well abandonments. No samples were collected from these drums. The disposal method was chosen based on Material Safety Data Sheets (MSDSs). Note that all drums containing grout and/or water were overpacked with 85-gallon drums prior to transport.
- Profile UMAD-6. This profile included 264 drums, the contents of which included sand, soil, PPE, debris, and plastic. These drums were analyzed for one or more of the following: explosives, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), Toxicity Characteristic Leaching Procedure (TCLP) metals, Total Petroleum Hydrocarbons (TPHs), benzene, toluene, ethylbenzene, and xylene (BTEX), F-listed solvents, polychlorinated biphenyls (PCBs), and Total Halogens (TX). Analytical results indicated elevated TPH levels for some of the drums. In addition analytical results from samples collected during the evaporation pond refurbishing indicated petroleum product contamination in the sediment from both ponds and in sand from Evaporation Pond 1. These drums were therefore grouped together in this profile.

- Profile UMAD-16. Profile UMAD-16 consisted of 5 drums containing grout and water remaining from monitoring well installations. The disposal method for these drums was determined based on MSDS information. Prior to transport, these drums were also overpacked into 85-gallon drums.
- Profile UMAD-27. This profile included an overpack drum containing two, one-gallon cans of oil-based paint used for monitoring well and guard post identification. No analyses were performed. The drum was shipped and disposed of using waste codes for paints and thinners.

In August and September 1996, the 434 hazardous drums were transported off post by Philip. All drums disposed of off post had proper documentation (i.e., hazardous waste manifests) at the time of disposal. Copies of Uniform Hazardous Waste Manifests for all drums transported off post for disposal are provided in Attachment D. Manifests were reviewed and signed by authorized base personnel prior to shipment. The certificates of treatment, recycling, and/or disposal are provided in Attachment E.

3.0 ON-POST DRUM DISPOSAL

Based on the chemical results and recommendations in previously submitted waste disposal reports dated January 24, 1995 and February 1, 1995, 214 drums were determined to be non-hazardous and were disposed of on post at Site 12 (Inactive Landfills) (see Attachment F). Philip used a forklift equipped with a hydraulic drum tipper to empty these drums into a dump truck for transport to Site 12. The contents of approximately 30 drums were transported per dump truck load. ICF/Kaiser, the contractor currently working at Site 12, directed Philip where to deposit the soil at the landfill. ICF/Kaiser then leveled the stockpile of soil and spread it over the landfill as part of a cap designed to cover asbestos waste within the landfill. Philip then transported the empty drums off site for recycling, as shown on the manifest provided in Attachment G. Note that eight drums that were originally to be disposed of at Site 12 were found to contain water in addition to soil; therefore, they will remain in storage for disposal off post at a later date. The disposal of these and other drums from the RI and other contractors remaining in Buildings 411, 412, and 413 will be addressed in a later report after disposal.



4.0 MISCELLANEOUS FIELD WASTE DISPOSAL

In addition to drums, solid waste generated during field programs--including old liners from the evaporation ponds, poly tanks used for well purge water and pumping tests, poly pipe used for well sampling, and pumps, lights, polyvinyl chloride (PVC) pipe, and electrical supplies used during pumping tests--was disposed of off post. An inventory of the solid waste disposed of off post is presented in Attachment H. At the request of ICF Kaiser, the contractor working at Site 4 (Explosives Washout Lagoons), certain field material, listed in Attachment I, was not disposed with the solid waste. These items are to be used during the remediation of Site 4.

Prior to disposal, all solid waste was wipe sampled for explosives using Websters solution. The Websters solution was approved by UMDA laboratory personnel prior to its use. Each piece of equipment and piping tested negative for explosives. The solid waste was placed in two 110-cubic yard dumpsters and hauled to the landfill. The weight tickets for the solid waste is provided in Attachment J.

* * * * *

If you have any questions or need additional information, please do not hesitate to call.

Sincerely,

DAMES & MOORE

A handwritten signature in cursive script, reading "Elizabeth S. Ritchie".

Elizabeth S. Ritchie
Assistant Project Manager

A handwritten signature in cursive script, reading "Wayne A. Ballard".

Wayne A. Ballard
Project Geologist

ATTACHMENT A
List of Analytes and Copies of Analytical Results

ANALYTICAL CROSS REFERENCE SHEET

*first # = Waste stream #

*second # = Number in sample stream

*third # = Number of composite drums in sample

Philip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
1-1-(6)	trash 9/93, PPE/trash waste, trash 8/92, trash, PPE 9-1-92, trash	umad-1	TCLP, TPH	PPE & Debris	
1-2-(6)	trash, trash, trash, trash, 3/5/90 solid waste, trash/ppe 9-13-92	umad-1	TCLP, TPH	PPE & Debris	
1-3-(6)	trash, trash, trash, trash 9-13-92, trash 10-26-92, trash 12-5-92	umad-1	TCLP, TPH	PPE & Debris	
1-4-(6)	trash umda 718, 118, trash, trash, trash, trash	umad-1	TCLP, TPH	PPE & Debris	
1-5-(6)	trash, trash, trash, trash, trash, trash	umad-1	TCLP, TPH	PPE & Debris	
1-6-(5)	ppe contam, ppe contam, ppe contam, ppe contam, ppe contam	umad-1	TCLP, TPH	PPE & Debris	
2-1-(2)	TNT-RDX Contaminated PPE, TNT-RDX Contaminated PPE	umad-2	Explosive test, TPH, TCLP	Contaminated PPE	
3-1-(3)	4-9 Hydro oil, hydro oil & sand, hydro oil & sand	umad-3	TPH, F-list solvents, TX, TCLP	Sand/Soil-90 to 100%, Plastic 0 to 1%, trash 0 to 1%	
6-1-(3)	DM# ust-18, diesel spill, ust-20	umad-6	TPH, BTEX, F-listed solvents	soil-50 to 100%, plastic 1 to 5%, PPE 0 to 1%	
7-1-(10)	Sediment Evap pond #2 9-2-92 Dm#'s 10,11,13,14,12,9,2,6,3,1	umad-7	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	water- 0 to 50%, sediment 0 to 50%	
7-2-(9)	Evap pond #2 9-2-92 Dm#'s 8,5,4,15,16,17,18,19,17,	umad-7	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	water- 0 to 50%, sediment 0 to 50%	
7-3-(9)	Evap pond #2 9-2-92 Dm#'s 20-26, Evap pond #1 DM#'s 1,2, 21	umad-7	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	water- 0 to 50%, sediment 0 to 50%	

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Phillip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
7-4-(9)	Evap pond #1, 2, 9-1-92 Dm#'s 20,19,18,15,13,11,10,7,2	umad-7	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	water- 0 to 50%, sediment 0 to 50%	
7-5-(9)	Evap Pond #1, 9-1-92 Dm#'s 2,1,3,4,6,8,12,14,15	umad-7	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	water- 0 to 50%, sediment 0 to 50%	
7-6-(6)	Evap Pond #1, 9-1-92 Dm#'s 16, all other just date	umad-7	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	water- 0 to 50%, sediment 0 to 50%	
8-1-(14)	Evap pond #1, 9/17/92 Dm#'s 6,1,3,2,4 9/14/92 Dm#'s 7,9,12,13,14,15,17,19,20	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-2-(14)	Evap pond #1 9/14/92 Dm#'s 28,29,30,31,21,22,23,24,25,26 9/15/92 Dm#'s 35,27,34,33	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-3-(14)	Evap pond #1 9/15/92 Dm#'s 32,18,36,40,44 9/14/92 Dm#'s 16,14,11,108,38,42,46 9/17/92 Dm#'s 48	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-4-(14)	Evap Pond #1 9/14/92 Dm#'s 54,60,57 9/15/92 Dm#'s 50,62,63,61, 9/16/92 Dm#'s 52,56,58,64,65,59,55	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-5-(14)	Evap pond #1 9/17/94 Dm#'s 53,49,74 9/14/92 Dm#'s 51,47,45,43,41,39,68,70,72 9/15/92 Dm#'s 37,66	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-6-(14)	Evap pond #1 9/14/92 Dm#'s 76,80 9/17/92 Dm#'s 78,82,84 9/15/92 Dm#'s 86,88,90,92,94,93,91,89	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-7-(14)	Evap pond #1 9/17/92 Dm#'s 79,77,75,71,69 9/15/92 Dm#'s 87,67,97,99 9/24/92 Dm#'s 58 9/14/92 Dm#'s 83,81,73,79	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-8-(14)	Evap pond #1 9/17/92 Dm#'s 101,104,113 9/15/92 Dm#'s 105,107,119 9/16/92 Dm#'s 110,111,115,117,121,123,125,127	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-9-(14)	Evap pond #1 9/14/92 Dm#'s 106 9/17/92 Dm#'s 128,122,116,112 9/15/92 Dm#'s 126,124,120,118,114,103 9/16/92 Dm#'s 109,108	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	

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Philip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
8-10-(14)	Evap Pond #1 9/15/98 Dm#s 102,100,98 9/16/92 Dm#s 130,140,141,144,150 9/17/92 Dm#s 133,135,137,139,146,148	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-11-(14)	Evap Pond #1 9/16/92 Dm#s 148,147,154,156,158,159,153,152 9/17/92 Dm#s 151,160,161,157,155,145	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-12-(14)	Evap Pond #1 9/17/92 174,176,178,143,162,165,167,168,172 9/16/92 Dm#s 141,138,136,134,132,131,170	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
8-13-(14)	Evap pond #1 9/17/92 Dm#s 180,182,184,184,186,185,164,166,167,188,1 79,177,175,173,163 9/16/92 Dm#s 176	umad-8	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Sand 1 to 50%, Gravel 1 to 50%, Soil 1 to 2%, water 0 to 1%	
9-1-(7)	Solids 9/1/92 Dm#s 1,2,3,4,5,6,7	umad-9	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Solid weeds, Organic Material 99 to 100%, water 0 to 1%	
11-1-(1)	S35-1,2 & 3	umad-11	PCB Pesticides by TCLP, TPH	Sand 50 to 70%, Gravel 10 to 30%, water 0 to 1%	
12-1-(13)	Dm# 4-17 dates 11/2,7,6/94	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	
12-2-(14)	Dm# 4-17 dates 11/7,21,22,6,2/94	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	
12-3-(14)	Dm# 4-17 dates 11/7,21,17,18,6/94	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	
12-4-(13)	Dm# 4-17 dates 11/7,21,17,20,18/94	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	
12-5-(13)	Dm# 4-17 dates 11/8,2/94 Dm# 4-9 dates 5/8,4,7/95	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	
12-6-(13)	Dm# 4-9 dates 5/8/95	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	

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Philip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
12-7-(12)	Dm# 4-8 dates 5/12,9/95	umad-12	TCLP, TPH Explosive on batch	Grout & PVC water 0 to 50%, pvc 1 to 10%, grout 50 to 90%, gravel 0 to 2%, soil 0 to 2%	
15-1-(4)	Dm# S-44,9,8 S30-4, S48-5	umad-15	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Soil Cuttings with petrol contam. soil 50 to 100%	
15-2-(8)	Dm# S74-2 sta 13, 14, 15, 16, 18 S73-3 sta 13, 14, S74-3 sta 28,31 empty	umad-15	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Soil Cuttings with petrol contam. soil 50 to 100%	
16-1-(5)	Dm# 4-1,4-10,4-9,4-8	umad-16	Profile screen	Grout & Water, Water 50 to 100%, grout 1 to 50%	
17-1-(4)	Dm# Poly liner dates 9/24/92 1,2 Dm# 9/25/92 3,4	umad-17	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	Contaminated pond liner liner 50 to 100%, debris 0 to 2%	
17-1-(bulk)	Pond Liners	umad-17	TCLP, F-listed solvents, TX, VOC, SVOC, Benzene	liner 100%	
18-1-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-2-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-3-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-4-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-5-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-6-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	

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Philip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
18-7-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-8-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
18-9-(1)	Poly tank	umad-18	TCLP, TPH, Webster	Empty Poly tank	
unk-1	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	Poly liner/tarp 90% Soil 1 to 2%	
unk-2	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil 1 to 20%, gravel 1 to 50%	
unk-3	unknown Dm#m-1, 2-1		PCB, TX Explosive, TCLP, TPH F-list solvents	debris 1 to 50%, sand and soil 1 to 30%, ppe 1 to 20%	
unk-4	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	Debris 1 to 40%, plastic 1 to 20%, PPE 1 to 30%, soil 1 to 10%	
unk-5	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	Debris 1 to 40%, plastic 1 to 20%, PPE 1 to 30%, soil 1 to 10%	
unk-6	unknown Dm#6		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and sand 90 to 100%, Gravel 1 to 5%	
unk-7	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	water 20 to 50%, soil 1 to 20% Note look like grout and water drums	
unk-8	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	gravel 20 to 75%, soil and sand 1 to 15%, water 1 to 10%	
unk-9	unknown Dm# M-2		PCB, TX Explosive, TCLP, TPH F-list solvents	PPE 70 to 90%, plastic 1 to 5%	

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Philip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
unk-10	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	soil and sand 90 to 100%, gravel 1 to 5%	
unk-11	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	PPE 90 to 100%, soil 1 to 2%	
unk-12	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	plastic 90 to 100% debris 1to 2%	
unk-13	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	soil and sand 90 to 100%	
unk-14	unknown		PCB, TX Explosive, TCLP, TPH F-list solvents	soil and sand 90 to 100%	
unk-15	unknown, Dm# gravel		PCB, TX Explosive, TCLP, TPH F-list solvents	Gravel 90 to 100%	
unk-16	unknown, Dm# W		PCB, TX Explosive, TCLP, TPH F-list solvents	Water 1 to 10%, gravel 90 to 100%	
unk-17	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%	
unk-18	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%	
unk-19	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%	
unk-20	unknown, Dm# Sand Silt, W		PCB, TX Explosive, TCLP, TPH F-list solvents	Sludge 90 to 100%, Gravel 1 to 5%, water 1 to 10%	
unk-21	unknown, Dm# W		PCB, TX Explosive, TCLP, TPH F-list solvents	Sludge 90 to 100%, Gravel 1 to 5%, water 1 to 10%	

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Philip Env. Sample #	Dames & Moore Drum #	Projected Profile #	Lab Analysis	Drum Content	cost per sample
unk-22	unknown, Dm# Sand & Gravel		PCB, TX Explosive, TCLP, TPH F-list solvents	Gravel 90 to 100%, sand 1 to 5%, water 1 to 5%	
unk-23	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%	
unk-24	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%, Cement 5 to 10%	
unk-25	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%	
unk-26	unknown, Dm# AP		PCB, TX Explosive, TCLP, TPH F-list solvents	Soil and Sand 90 to 100%	
30-1-(4)	Dm#s 4-107 EWGRD46, 4-110 EWGRD73, 4-107 EWGRD47, 4-110 EWGRD74	umad-30	TCLP, TPH, Explosive test on batch	Soil and sand 50 to 100%	
30-2-(5)	Dm#s 4-110 EWGRD 72, 4-109 EWGRD60, 4-107 EWGRD60, 48, 4-110 EWGRD75	umad-30	TCLP, TPH, Explosive test on batch	Soil and sand 50 to 100%	
				Total Lab Analysis Cost	\$0.00

Chain of Custody/ Laboratory Analysis Request

DATE 6/18/96 PAGE 1 OF 12

PROJECT <u>960011</u> CLIENT INFO CONTACT <u>James L. Moore</u> GENERATOR NAME <u>Maritilla Army Depot</u> TELEPHONE # <u>(660) 835-8594</u> <u>Mar S. Jones</u> SAMPLERS NAME <u>Mark Strickland</u> <u>PHONE # (260) 835-8594</u> SAMPLERS SIGNATURE <u>[Signature]</u> <u>DATE 6/18/96</u>				ANALYSIS REQUESTED BASE/NEU/ACID ORGAN. GC/MS/625/8270 VOLATILE ORGANICS GC/MS/624/8240 PCB's 608/8080 TPH (circle method) 418.1 or 8015 BETX (circle method) 8240 or 8020 F-LISTED SOLVENTS 8240 TCLP F-LISTED SOLVENTS 1311/8240 TCLP METALS D004-11 METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, N, Hg, Ag, Se, Ti, Sp, Zn TCLP ORGANICS (specify methods): • VOAS 8240 • BNA's 8270 • Pesticides 8080 • Herbicides 8150 DISCHARGE TESTING OTHER (Specify) <u>IX: Total Halogens</u> <u>9076</u> <u>8330 & 8331</u> <u>9 A. Tricarb. 8330</u>										NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION?					
SAMPLE ID. 1. <u>1-1-(6)</u> 2. <u>1-2-(6)</u> 3. <u>1-3-(6)</u> 4. <u>1-4-(6)</u> 5. <u>1-5-(6)</u> 6. <u>1-6-(5)</u> 7. <u>2-1-(2)</u> 8. <u>3-1-(3)</u>		DATE 		TIME 		LAB ID. <u>4404917</u> <u>04918</u> <u>04919</u> <u>04920</u> <u>04921</u> <u>04922</u> <u>04923</u> <u>04924</u>		TYPE 		SPECIAL INSTRUCTIONS/COMMENTS: <u>Please Send Results Mark Strickland</u> <u>Withdrawal (SS). Please have Results</u> <u>by 7/15/96</u> <u>Shanks</u>									
Relinquished By <u>[Signature]</u> Signature Printed Name Firm Date/Time Received By Signature Printed Name Firm Date/Time				Relinquished By <u>[Signature]</u> Signature Printed Name Firm Date/Time Received By Signature Printed Name Firm Date/Time															
Relinquished By <u>[Signature]</u> Signature Printed Name Firm Date/Time Received By Signature Printed Name Firm Date/Time				Relinquished By <u>[Signature]</u> Signature Printed Name Firm Date/Time Received By Signature Printed Name Firm Date/Time															

Chain of Custody/ Laboratory Analysis Request

NATIONAL SERVICES

DATE 6/18/96 PAGE 2 OF 12

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#06191522

PHILIP

NATIONAL SERVICES

Chain of Custody/ Laboratory Analysis Request

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PROJECT	9606011
CLIENT INFO	
CONTACT	Charles & Maggie
GENERATOR NAME	Charlotte Army Depot
TELEPHONE #	360-835-5554
SAMPLERS NAME	Steve Strickland
SAMPLERS SIGNATURE	<i>[Signature]</i>
PHONE #	360-835-5554

SAMPLE ID	DATE	TIME	LAB ID	TYPE
1 9-9-(14)			AAO 4940	
2 9-10-(14)			04941	
3 9-11-(14)			04942	
4 9-12-(14)			04943	
5 9-13-(14)			04944	
6 9-1-(17)			04945	
7 11-1-(1)			04946	
8.				

ANALYSIS REQUESTED										OTHER (Specify)		NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
BASE/NEU/ACID ORGAN.	GC/MS/625/8270												
VOLATILE ORGANICS	GC/MS/624/8240												
PCBs	608/8080												
TPH (circle method)	418.1 or 8015												
BETX (circle method)	8240 or 8020												
F-LISTED SOLVENTS	8240												
TCLP F-LISTED SOLVENTS	1311/8240												
TCLP METALS	D004-11												
METALS (TOTAL)	As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn												
TCLP ORGANICS (specify methods)	• VOCs 8240 • Pesticides 8080 • Herbicides 8150												
DISCHARGE TESTING													
OTHER (Specify)													

Relinquished By	Signature	Printed Name	Firm	Date/Time	Received By	Signature	Printed Name	Firm	Date/Time
<i>[Signature]</i>					<i>[Signature]</i>				
6/13/96									
10:30 AM									

#06191522

Chain of Custody/ Laboratory Analysis Request

DATE 6/15/96 PAGE 3 OF 12

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Chain of Custody/ Laboratory Analysis Request

DATE 6/19/96 PAGE 7 OF 12

PROJECT <u>Shovel</u> # <u> </u>				ANALYSIS REQUESTED												OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?				
CLIENT INFO																						
CONTACT <u>Dennis A. Mays</u>																						
GENERATOR NAME <u>Chenille Hwy Dept</u>																						
TELEPHONE # <u>360-335-8554</u>																						
SAMPLERS NAME <u>Steve Strickler</u>																						
PHONE # <u>360-835-5559</u>																						
SAMPLERS SIGNATURE <u>[Signature]</u>																						
SAMPLE ID	DATE	TIME	LAB ID	TYPE	BASE/NEU/ACID ORGAN	GC/MS/625/8270	VOLATILE ORGANICS	GC/MS/624/8240	PCBs	608/8080	TPH (circle method) 418.1 or 8015	BETX (circle method) 8240 or 8020	F-LISTED SOLVENTS 8240	TCLP F-LISTED SOLVENTS 1311/8240	TCLP METALS D004-11	METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Tl, Sb, Zn	TCLP ORGANICS (specify methods) - VOAs 8240 - PCBs 8080 - Herbicides 8150	DISCHARGE TESTING	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?	
1. 18-1-(1)			AA04960								X				X							
2. 18-2-(1)			04961																			
3. 18-3-(1)			04962																			
4. 18-4-(1)			04963																			
5. 18-5-(1)			04964																			
6. 18-6-(1)			04965																			
7. 18-7-(1)			04966																			
8. 18-8-(1)			04967																			
Relinquished By <u>[Signature]</u>				Relinquished By				Relinquished By				SPECIAL INSTRUCTIONS/COMMENTS:										
Signature				Signature				Signature														
Printed Name				Printed Name				Printed Name														
Firm				Firm				Firm														
Date/Time <u>6/19/96</u>				Date/Time				Date/Time														
Received By <u>[Signature]</u>				Received By				Received By														
Signature				Signature				Signature														
Printed Name				Printed Name				Printed Name														
Firm				Firm				Firm														
Date/Time <u>6/19/96 10:30AM</u>				Date/Time				Date/Time														

#06191522

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#106/91522

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PHILIP

LABORATORY SERVICES

NATIONAL SERVICES

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DATE _____ PAGE 11 OF 12

PROJECT <u>910011</u>				OTHER (Specify)										RECEIVED IN GOOD CONDITION?	
CLIENT INFO CONTACT <u>Dennis G. Moore</u>				DISCHARGE TESTING • Herbicides 8150 • Pesticides 8080 • BNA's 8270 • VOA's 8240 TCAP ORGANICS (specify methods)										NUMBER OF CONTAINERS	
GENERATOR NAME <u>Chattanooga Army Depot</u>				METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn											
TELEPHONE # <u>360 835-8554</u>				TCAP METALS D004-11											
SAMPLERS NAME <u>Mark Strickler</u>				F-Listed Solvents 8240											
SAMPLERS SIGNATURE <u>[Signature]</u>				F-Listed Solvents 8240 or 8020											
				TPH (circle method) 418.1 or 8015											
				PCBs 608/8080											
				VOLATILE ORGANICS GC/MS/624/8240											
				BASE/NEU/ACID ORGAN GC/MS/625/8270											
				TCAP F-Listed Solvents 1311/8240											
				TCAP METALS D004-11											
				TCAP ORGANICS (specify methods)											
				DISCHARGE TESTING											
				OTHER (Specify)											
				RECEIVED IN GOOD CONDITION?											

ANALYSIS REQUESTED	RELINQUISHED BY	RELINQUISHED BY
GC/MS/625/8270	Signature	Signature
GC/MS/624/8240	Printed Name	Printed Name
PCBs 608/8080	Firm	Firm
TPH (circle method) 418.1 or 8015	Date/Time	Date/Time
BETX (circle method) 8240 or 8020	Received By	Received By
F-Listed Solvents 8240	Signature	Signature
F-Listed Solvents 8240	Printed Name	Printed Name
TCAP F-Listed Solvents 1311/8240	Firm	Firm
TCAP METALS D004-11	Date/Time	Date/Time
METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Ti, Sb, Zn	Received By	Received By
TCAP ORGANICS (specify methods)	Signature	Signature
VOA's 8240	Printed Name	Printed Name
BNA's 8270	Firm	Firm
Pesticides 8080	Date/Time	Date/Time
Herbicides 8150	Received By	Received By
DISCHARGE TESTING	Signature	Signature
OTHER (Specify)	Printed Name	Printed Name
RECEIVED IN GOOD CONDITION?	Firm	Firm
NUMBER OF CONTAINERS	Date/Time	Date/Time
1. <u>10K-16</u>	<u>6/19/96</u>	<u>6/19/96 10:30A</u>
2. <u>-17</u>		
3. <u>-18</u>		
4. <u>-19</u>		
5. <u>-20</u>		
6. <u>-21</u>		
7. <u>-22</u>		
8. <u>-23</u>		

#06191522

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CHEMICAL GROUP
WESTERN REGION

Recycling Solutions for Every Environment

Marc Strickler
Philip Environmental

July 17th, 1996

Mark Ochsner
Dames & Moore
Portland, OR

Dear Mark:

The following are all of the analytical results. I have highlighted the samples of concern. They are 1-3-(6), 2-1-(2), 3-1-(3), 6-1-(3), Unk 1, 4, 5, and 11. Each of the samples have a high TPH in either the Diesel, Motor oil or Gasoline range. Samples 3-1-(3) and 6-1-(3) should have a high TPH because they were generated from a diesel or oil spill. In order to send the material direct to land fill the TPH needs to be well below 30,000 ppm. (Rabanco landfill)

I would like to take the 18 drums of concern and group them all into waste stream 6 for disposal. I would generate one profile for all of the material to be stabilized and then sent to landfill. This would mean we would not run any Tier 2 analytical. If that is a concern to you or the Army, then Tier 2 analytical would be run on the six drums in sample 1-3-(6) and the two drums in sample 2-1-(2).

Sincerely

A handwritten signature in black ink, appearing to read "Marc Strickler", written over a horizontal line.

Marc Strickler
Environmental Specialist



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12-Jul-96
Page 1 of 10

ZENON LABORATORIES Certificate of Analysis

8577 Commerce Court
Burnaby, B.C.
Canada V5A 4N5
Tel 604 444 4808
Fax 604 444 4511

Reported To :

PHILIP ENVIRONMENTAL

Client Code P1

955 POWELL AVENUE
RENTON, WASHINGTON
98055-2908

Attention : STAN MELO
Phone : (206) 227-0311
FAX : (206) 227-6196

Project Information :

Project ID : UMATILLA ARMY DEPOT

Requisition Forms :

Form 06110700 logged on 4-Jul-96 completed on 12-Jul-96
Form 61107001 logged on 4-Jul-96 completed on 12-Jul-96

Remarks :

- ☞ All organic data is blank corrected except for PCDD/F, Hi-res MS and CLP volatile analyses
- ☞ 'MDC' = Minimum Detectable Concentration, '<' = Less than MDC, '—' = Not analyzed
- ☞ Solids results are based on dry weight except Biota Analyses & Special Waste Oil & Grease
- ☞ Organic analyses are not corrected for extraction recovery standards except for Isotope Dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)
- ☞ All Groundwater samples are decanted and/or filtered prior to analysis

Methods used by Zenon are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', 18th Edition, published by the American Public Health Association, or on US EPA protocols found in the 'Test Methods For Evaluating Solid Waste, Physical/Chemical Method, SW846', 3rd Edition. Other procedures are based on methodologies accepted by the appropriate regulatory agency. Methodology briefs are available by written request.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied.
Your samples will be retained at Zenon for a period of 30 days from receipt of data or as per contract.

ZENON Project Manager: Jack Wilson

ZENON

LABORATORIES

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ANALYTICAL REPORT

Client : PHILIP ENVIRONMENTAL
Project : UMATILLA ARMY DEPOT

Zenon ID :	METHOD	96016883	96016884	96016885	96016886
Client ID :	BLANK	7-1-(10)	7-2-(9)	7-4-(9)	7-6-(6)

Sparcode	Parameter	Unit	MDC					
PHYSICAL								
TCLPTC01	TCLP Extraction	None			— (1)	— (2)	— (3)	— (4)
METALS TOTAL								
Ag-T0042	Silver	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
As-T0042	Arsenic	mg/L	0.04	< 0.04	0.12	0.06	0.09	0.06
Ba-T0042	Barium	mg/L	0.001	< 0.001	1.30	1.79	1.41	1.56
Cd-T0042	Cadmium	mg/L	0.002	< 0.002	< 0.002	< 0.002	0.004	< 0.002
Cr-T0042	Chromium	mg/L	0.002	< 0.002	0.007	0.011	0.024	0.038
Hg-T0310	Mercury	mg/L	0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Pb-T0042	Lead	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.04
Se-T0042	Selenium	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Matrix :	Soil	Soil	Soil	Soil
Sampled on:	96/06/12	96/06/12	96/06/12	96/06/12

Result comments and/or text results :

(1) Text results for sample 96016883 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(2) Text results for sample 96016884 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(3) Text results for sample 96016885 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(4) Text results for sample 96016886 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

ZENON

LABORATORIES

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ANALYTICAL REPORT

Client : PHILIP ENVIRONMENTAL
Project : UMATILLA ARMY DEPOT

Zenon ID : 96016887 96016888 96016889 96016890
Client ID : 12-1-(13) 12-2-(14) 12-3-(14) 12-4-(13)

Sparcode	Parameter	Unit	MDC				
PHYSICAL							
TCLPTC01	TCLP Extraction	None		-- (1)	-- (2)	-- (3)	-- (4)
METALS TOTAL							
Ag-T0042	Silver	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03
As-T0042	Arsenic	mg/L	0.04	< 0.04	0.10	< 0.04	0.09
Ba-T0042	Barium	mg/L	0.001	0.259	0.943	0.520	0.932
Cd-T0042	Cadmium	mg/L	0.002	< 0.002	< 0.002	< 0.002	< 0.002
Cr-T0042	Chromium	mg/L	0.002	0.008	0.019	0.027	0.010
Hg-T0310	Mercury	mg/L	0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Pb-T0042	Lead	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03
Se-T0042	Selenium	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03

Matrix : Soil Soil Soil Soil
Sampled on: 96/06/12 96/06/12 96/06/12 96/06/12

Result comments and/or text results :

(1) Text results for sample 96016887 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(2) Text results for sample 96016888 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(3) Text results for sample 96016889 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(4) Text results for sample 96016890 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

ZENON

LABORATORIES

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ANALYTICAL REPORT

Client : PHILIP ENVIRONMENTAL
Project : UMATILLA ARMY DEPOT

Zenon ID : 96016891 96016892 96016893 96016894
Client ID : 12-5-(13) 12-6-(13) 12-7-(12) 30-1-(4)

Sparcode	Parameter	Unit	MDC				
PHYSICAL							
TCLPTC01	TCLP Extraction	None		— (1)	— (2)	— (3)	— (4)
METALS TOTAL							
Ag-T0042	Silver	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03
As-T0042	Arsenic	mg/L	0.04	0.10	< 0.04	< 0.04	0.07
Ba-T0042	Barium	mg/L	0.001	1.33	0.555	0.974	1.41
Cd-T0042	Cadmium	mg/L	0.002	< 0.002	< 0.002	< 0.002	< 0.002
Cr-T0042	Chromium	mg/L	0.002	0.028	0.094	0.112	0.009
Hg-T0310	Mercury	mg/L	0.00005	< 0.00005	0.00006	< 0.00005	< 0.00005
Pb-T0042	Lead	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03
Se-T0042	Selenium	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03

Matrix : Soil Soil Soil Soil
Sampled on: 96/06/12 96/06/12 96/06/12 96/06/12

Result comments and/or text results :

(1) Text results for sample 96016891 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(2) Text results for sample 96016892 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(3) Text results for sample 96016893 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(4) Text results for sample 96016894 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

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ANALYTICAL REPORT

Client : PHILIP ENVIRONMENTAL
Project : UMATILLA ARMY DEPOT

Zenon ID : 96016895 96016896 96016897 96016897
Client ID : UNK-7 UNK-16 UNK-20 Duplicate

Sparcode	Parameter	Unit	MDC				
PHYSICAL							
TCLPTC01	TCLP Extraction	None		-- (1)	-- (2)	-- (3)	
METALS TOTAL							
Ag-T0042	Silver	mg/L	0.03	< 0.03	< 0.03	< 0.03	--
As-T0042	Arsenic	mg/L	0.04	< 0.04	< 0.04	0.06	--
Ba-T0042	Barium	mg/L	0.001	1.14	0.431	1.56	--
Cd-T0042	Cadmium	mg/L	0.002	< 0.002	< 0.002	< 0.002	--
Cr-T0042	Chromium	mg/L	0.002	0.045	0.014	0.038	--
Hg-T0310	Mercury	mg/L	0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Pb-T0042	Lead	mg/L	0.03	< 0.03	< 0.03	0.04	--
Se-T0042	Selenium	mg/L	0.03	< 0.03	< 0.03	< 0.03	--

Matrix : Soil Soil Soil
Sampled on: 96/06/13 96/06/13 96/06/13

Result comments and/or text results :

(1) Text results for sample 96016895 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(2) Text results for sample 96016896 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996

(3) Text results for sample 96016897 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 9, 1996



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SPIKE SUMMARY

Parameter	Client ID	Zenon ID	Sample Conc.	Sample & Spike Conc.	Spike Amount	Unit	Percent Recovery
Mercury	Blank Spike. Batch :	64201467	< 0.00005	0.00044	.0005	mg/L	81
Mercury	UNK-20	96016897	< 0.00005	0.00046	.0005	mg/L	84

ZENON

LABORATORIES

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ANALYSIS DATES

Zenon ID:	96016883	96016884	96016885	96016886
Client ID:	7-1-(10)	7-2-(9)	7-4-(9)	7-6-(6)

TCLPTC01	TCLP Extraction	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ag-T0042	Silver	12-JUL-1996	12-JUL-1996	10-JUL-1996	12-JUL-1996
As-T0042	Arsenic	12-JUL-1996	12-JUL-1996	10-JUL-1996	12-JUL-1996
Ba-T0042	Barium	12-JUL-1996	12-JUL-1996	10-JUL-1996	12-JUL-1996
Cd-T0042	Cadmium	12-JUL-1996	12-JUL-1996	10-JUL-1996	12-JUL-1996
Cr-T0042	Chromium	12-JUL-1996	12-JUL-1996	10-JUL-1996	12-JUL-1996
Hg-T0310	Mercury	10-JUL-1996	10-JUL-1996	10-JUL-1996	11-JUL-1996
Pb-T0042	Lead	10-JUL-1996	10-JUL-1996	10-JUL-1996	12-JUL-1996
Se-T0042	Selenium	10-JUL-1996	10-JUL-1996	10-JUL-1996	12-JUL-1996

Matrix:	Soil	Soil	Soil	Soil
Sampled on:	12-JUN-1996	12-JUN-1996	12-JUN-1996	12-JUN-1996

ZENON

LABORATORIES

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ANALYSIS DATES

Zenon ID:	96016887	96016888	96016889	96016890
Client ID:	12-1-(13)	12-2-(14)	12-3-(14)	12-4-(13)

TCLPTC01	TCLP Extraction	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ag-T0042	Silver	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
As-T0042	Arsenic	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ba-T0042	Barium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Cd-T0042	Cadmium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Cr-T0042	Chromium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Hg-T0310	Mercury	11-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Pb-T0042	Lead	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Se-T0042	Selenium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996

Matrix:	Soil	Soil	Soil	Soil
Sampled on:	12-JUN-1996	12-JUN-1996	12-JUN-1996	12-JUN-1996

ZENON

LABORATORIES

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ANALYSIS DATES

Zenon ID:	96016891	96016892	96016893	96016894
Client ID:	12-5-(13)	12-6-(13)	12-7-(12)	30-1-(4)

TCLPTC01	TCLP Extraction	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ag-T0042	Silver	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
As-T0042	Arsenic	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ba-T0042	Barium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Cd-T0042	Cadmium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Cr-T0042	Chromium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Hg-T0310	Mercury	10-JUL-1996	11-JUL-1996	11-JUL-1996	11-JUL-1996
Pb-T0042	Lead	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996
Se-T0042	Selenium	10-JUL-1996	10-JUL-1996	10-JUL-1996	10-JUL-1996

Matrix:	Soil	Soil	Soil	Soil
Sampled on:	12-JUN-1996	12-JUN-1996	12-JUN-1996	12-JUN-1996

ZENON

LABORATORIES

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12-Jul-96

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ANALYSIS DATES

Zenon ID:	96016895	96016896	96016897
Client ID:	UNK-7	UNK-16	UNK-20

TCLPTC01	TCLP Extraction	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ag-T0042	Silver	10-JUL-1996	10-JUL-1996	10-JUL-1996
As-T0042	Arsenic	10-JUL-1996	10-JUL-1996	10-JUL-1996
Ba-T0042	Barium	10-JUL-1996	10-JUL-1996	10-JUL-1996
Cd-T0042	Cadmium	10-JUL-1996	10-JUL-1996	10-JUL-1996
Cr-T0042	Chromium	10-JUL-1996	10-JUL-1996	10-JUL-1996
Hg-T0310	Mercury	11-JUL-1996	11-JUL-1996	11-JUL-1996
Pb-T0042	Lead	10-JUL-1996	10-JUL-1996	10-JUL-1996
Se-T0042	Selenium	10-JUL-1996	10-JUL-1996	10-JUL-1996

Matrix:	Soil	Soil	Soil
Sampled on:	13-JUN-1996	13-JUN-1996	13-JUN-1996



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ZENON LABORATORIES
Certificate of Analysis

8577 Commerce Court
Burnaby, B.C.
Canada V5A 4N5
Tel 604 444 4808
Fax 604 444 4511

Reported To :

PHILIP ENVIRONMENTAL

Client Code P1

955 POWELL AVENUE
RENTON, WASHINGTON
98055-2908

Attention : STAN MELO
Phone : (206) 227-0311
FAX : (206) 227-6196

Project Information :

Project ID : 06191522

Requisition Forms :

Form 06110925 logged on 10-Jul-96 completed on 15-Jul-96

Remarks :

- ☞ All organic data is blank corrected except for PCDD/F, Hi-res MS and CLP volatile analyses
- ☞ 'MDC' = Minimum Detectable Concentration, '<' = Less than MDC, '—' = Not analyzed
- ☞ Solids results are based on dry weight except Biota Analyses & Special Waste Oil & Grease
- ☞ Organic analyses are not corrected for extraction recovery standards except for Isotope
- ☞ Dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)
- ☞ All Groundwater samples are decanted and/or filtered prior to analysis

Methods used by Zenon are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', 18th Edition, published by the American Public Health Association, or on US EPA protocols found in the 'Test Methods For Evaluating Solid Waste, Physical/Chemical Method, SW846', 3rd Edition. Other procedures are based on methodologies accepted by the appropriate regulatory agency. Methodology briefs are available by written request.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied.

Your samples will be retained at Zenon for a period of 30 days from receipt of data or as per contract.

ZENON Project Manager: Jack Wilson

ZENON

LABORATORIES

A division of PHILIP Analytical Services Corp.

15-Jul-96
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ANALYTICAL REPORT Form 06110925

Client : PHILIP ENVIRONMENTAL
Project : 06191522

Zenon ID : METHOD 96017607 96017608 96017609 96017610
Client ID : BLANK UNK-18 UNK-19 UNK-22 UNK-23

Sparcode	Parameter	Unit	MDC					
PHYSICAL								
TCLPTC01	TCLP Extraction	None			— (1)	— (2)	— (3)	— (4)
METALS LEACHABLE								
Ag-L0042	Silver Leachable	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
As-L0042	Arsenic Leachable	mg/L	0.04	< 0.04	0.07	0.04	< 0.04	0.05
Ba-L0042	Barium Leachable	mg/L	0.001	< 0.001	0.554	0.467	0.382	0.249
Cd-L0042	Cadmium Leachable	mg/L	0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Cr-L0042	Chromium Leachable	mg/L	0.002	< 0.002	0.024	0.010	0.006	0.010
Hg-L0310	Mercury Leachable	mg/L	0.00005	< 0.00005	< 0.00005	0.890	0.00080	0.0122
Pb-L0042	Lead Leachable	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Se-L0042	Selenium Leachable	mg/L	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Matrix : Soil Soil Soil Soil
Sampled on: 96/06/13 96/06/13 96/06/13 96/06/13

Result comments and/or text results :

(1) Text results for sample 96017607 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10,1996

(2) Text results for sample 96017608 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10,1996

(3) Text results for sample 96017609 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10,1996

(4) Text results for sample 96017610 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10,1996

ZENON

LABORATORIES

A division of PHILIP Analytical Services Corp.

15-Jul-96
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ANALYTICAL REPORT Form 06110925

Client : PHILIP ENVIRONMENTAL
Project : 06191522

Zenon ID : 96017611 96017612 96017613
Client ID : UNK-24 UNK-25 UNK-26

Sparcode	Parameter	Unit	MDC			
PHYSICAL						
TCLPTC01	TCLP Extraction	None		-- (1)	-- (2)	-- (3)
METALS LEACHABLE						
Ag-L0042	Silver Leachable	mg/L	0.03	< 0.03	< 0.03	< 0.03
As-L0042	Arsenic Leachable	mg/L	0.04	< 0.04	0.04	0.04
Ba-L0042	Barium Leachable	mg/L	0.001	0.617	0.691	0.099
Cd-L0042	Cadmium Leachable	mg/L	0.002	< 0.002	< 0.002	< 0.002
Cr-L0042	Chromium Leachable	mg/L	0.002	0.014	0.007	0.007
Hg-L0310	Mercury Leachable	mg/L	0.00005	0.00140	0.00370	0.144
Pb-L0042	Lead Leachable	mg/L	0.03	< 0.03	< 0.03	< 0.03
Se-L0042	Selenium Leachable	mg/L	0.03	< 0.03	< 0.03	< 0.03
Matrix : Soil Soil Soil						
Sampled on: 96/06/13 96/06/13 96/06/13						

Result comments and/or text results :

(1) Text results for sample 96017611 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10, 1996

(2) Text results for sample 96017612 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10, 1996

(3) Text results for sample 96017613 sparcode TCLPTC01 follow :

EXTRACTION COMPLETED ON JULY 10, 1996

ZENON

LABORATORIES

A division of PHILIP Analytical Services Corp.

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SPIKE SUMMARY

Form 06110925

Parameter	Client ID	Zenon ID	Sample Conc.	Sample & Spike Conc.	Spike Amount	Unit	Percent Recovery
Mercury Leachable	Blank Spike. Batch :	64201531	< 0.00005	0.00046	.0005	mg/L	89

ZENON

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ANALYSIS DATES

Form 06110925

Zenon ID:	96017607	96017608	96017609	96017610
Client ID:	UNK-18	UNK-19	UNK-22	UNK-23

TCLPTC01	TCLP Extraction	15-JUL-1996	15-JUL-1996	15-JUL-1996	15-JUL-1996
Ag-L0042	Silver Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
As-L0042	Arsenic Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
Ba-L0042	Barium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
Cd-L0042	Cadmium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
Cr-L0042	Chromium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
Hg-L0310	Mercury Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
Pb-L0042	Lead Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996
Se-L0042	Selenium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996	12-JUL-1996

Matrix:	Soil	Soil	Soil	Soil
Sampled on:	13-JUN-1996	13-JUN-1996	13-JUN-1996	13-JUN-1996

ZENON

LABORATORIES

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ANALYSIS DATES Form 06110925

Zenon ID:	96017611	96017612	96017613
Client ID:	UNK-24	UNK-25	UNK-26

TCLPTC01	TCLP Extraction	15-JUL-1996	15-JUL-1996	15-JUL-1996
Ag-L0042	Silver Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
As-L0042	Arsenic Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
Ba-L0042	Barium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
Cd-L0042	Cadmium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
Cr-L0042	Chromium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
Hg-L0310	Mercury Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
Pb-L0042	Lead Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996
Se-L0042	Selenium Leachable	12-JUL-1996	12-JUL-1996	12-JUL-1996

Matrix:	Soil	Soil	Soil
Sampled on:	13-JUN-1996	13-JUN-1996	13-JUN-1996



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28-Jun-96
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ZENON LABORATORIES
Certificate of Analysis

8577 Commerce Court
Burnaby, B.C.
Canada V5A 4N5
Tel 604 444 4808
Fax 604 444 4511

Reported To :

PHILIP ENVIRONMENTAL

Client Code P1

955 POWELL AVENUE
RENTON, WASHINGTON
98055-2908

Attention : STAN MELO
Phone : (206) 227-0311
FAX : (206) 227-6196

Project Information :

Project ID : 06191522

Requisition Forms :

Form 06110682 logged on 21-Jun-96 completed on 28-Jun-96

Remarks :

- ☞ All organic data is blank corrected except for PCDD/F, Hi-res MS and CLP volatile analyses
- ☞ 'MDC' = Minimum Detectable Concentration, '<' = Less than MDC, '—' = Not analyzed
- ☞ Solids results are based on dry weight except Biota Analyses & Special Waste Oil & Grease
- ☞ Organic analyses are not corrected for extraction recovery standards except for Isotope Dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)
- ☞ All Groundwater samples are decanted and/or filtered prior to analysis

Methods used by Zenon are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', 18th Edition, published by the American Public Health Association, or on US EPA protocols found in the 'Test Methods For Evaluating Solid Waste, Physical/Chemical Method, SW846', 3rd Edition. Other procedures are based on methodologies accepted by the appropriate regulatory agency. Methodology briefs are available by written request.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied.

Your samples will be retained at Zenon for a period of 30 days from receipt of data or as per contract.

ZENON Project Manager: Jack Wilson



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28-Jun-96
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ANALYTICAL REPORT
Form 06110682

Client : PHILIP ENVIRONMENTAL
Project : 06191522

Zenon ID :	METHOD	96015486	96015487	96015488	96015489
Client ID :	BLANK	2-1-(2)	12-1-(13)	12-2-(14)	12-3-(14)

Sparcode	Parameter	Unit	MDC					
SPECIAL ORGANICS								
HMX-TNTS	HMX	ug/g	1.0	< 1.0	3.6	< 1.0	< 1.0	< 1.0
RDX-TNTS	RDX	ug/g	1.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0
TNB-TNTS	135-Trinitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
D012TNTS	1,3-Dinitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
T085TNTS	Tetryl	ug/g	0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
N011TNTS	Nitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TNT-TNTS	246-Trinitrotoluene	ug/g	0.3	< 0.3	5.5	< 0.3	< 0.3	< 0.3
A031TNTS	4-Amino-2,6-DNT	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
A032TNTS	2-Amino-4,6-DNT	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
D013TNTS	2,4-Dinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
D014TNTS	2,6-Dinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
N012TNTS	2-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
N013TNTS	3-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
N014TNTS	4-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Matrix :	Soil	Soil	Soil	Soil
Sampled on:	96/06/20	96/06/20	96/06/20	96/06/20

ZENON

LABORATORIES

A division of PHILIP Analytical Services Corp.

28-Jun-96

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ANALYTICAL REPORT

Form 06110682

Client : PHILIP ENVIRONMENTAL
Project : 06191522

Zenon ID : 96015490 96015491 96015492 96015493
Client ID : 12-4-(13) 12-5-(13) 12-6-(13) 12-7-(12)

Sparcode	Parameter	Unit	MDC				
SPECIAL ORGANICS							
HMX-TNTS	HMX	ug/g	1.0	< 1.0	< 1.0	< 1.0	< 1.0
RDX-TNTS	RDX	ug/g	1.0	< 1.0	< 1.0	< 1.0	< 1.0
TNB-TNTS	135-Trinitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
D012TNTS	1,3-Dinitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
T085TNTS	Tetryl	ug/g	0.7	< 0.7	< 0.7	< 0.7	< 0.7
N011TNTS	Nitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
TNT-TNTS	246-Trinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
A031TNTS	4-Amino-2,6-DNT	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
A032TNTS	2-Amino-4,6-DNT	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
D013TNTS	2,4-Dinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
D014TNTS	2,6-Dinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
N012TNTS	2-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
N013TNTS	3-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
N014TNTS	4-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Matrix : Soil				Soil	Soil	Soil	Soil
Sampled on: 96/06/20				96/06/20	96/06/20	96/06/20	96/06/20



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28-Jun-96
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ANALYTICAL REPORT
Form 06110682

Client : PHILIP ENVIRONMENTAL
Project : 06191522

Zenon ID : 96015494 96015495 96015496
Client ID : 30-1-(4) 30-2-(5) UNK-1-26

Sparcode	Parameter	Unit	MDC			
SPECIAL ORGANICS						
HMX-TNTS	HMX	ug/g	1.0	< 1.0	< 1.0	< 1.0
RDX-TNTS	RDX	ug/g	1.0	< 1.0	< 1.0	< 1.0
TNB-TNTS	135-Trinitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3
D012TNTS	1,3-Dinitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3
T085TNTS	Tetryl	ug/g	0.7	< 0.7	< 0.7	< 0.7
N011TNTS	Nitrobenzene	ug/g	0.3	< 0.3	< 0.3	< 0.3
TNT-TNTS	246-Trinitrotoluene	ug/g	0.3	< 0.3	< 0.3	3.1
A031TNTS	4-Amino-2,6-DNT	ug/g	0.3	< 0.3	< 0.3	< 0.3
A032TNTS	2-Amino-4,6-DNT	ug/g	0.3	< 0.3	< 0.3	< 0.3
D013TNTS	2,4-Dinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3
D014TNTS	2,6-Dinitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3
N012TNTS	2-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3
N013TNTS	3-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3
N014TNTS	4-Nitrotoluene	ug/g	0.3	< 0.3	< 0.3	< 0.3
			Matrix :	Soil	Soil	Soil
			Sampled on:	96/06/20	96/06/20	96/06/20

ZENON

LABORATORIES

A division of PHILIP Analytical Services Corp.

28-Jun-96
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SPIKE SUMMARY

Form 06110682

Parameter	Client ID	Zenon ID	Sample Conc.	Sample & Spike Conc.	Spike Amount	Unit	Percent Recovery
HMX	Blank Spike. Batch :	64501524	< 1.0	2.5	2	ug/g	124
RDX	Blank Spike. Batch :	64501524	< 1.0	2.0	2	ug/g	98
135-Trinitrobenzene	Blank Spike. Batch :	64501524	< 0.3	1.8	2	ug/g	90
1,3-Dinitrobenzene	Blank Spike. Batch :	64501524	< 0.3	1.8	2	ug/g	89
246-Trinitrotoluene	Blank Spike. Batch :	64501524	< 0.3	1.5	2	ug/g	73
2,4-Dinitrotoluene	Blank Spike. Batch :	64501524	< 0.3	1.3	2	ug/g	67
HMX	UNK-1-26	96015496	< 1.0	2.6	2	ug/g	130
RDX	UNK-1-26	96015496	< 1.0	2.3	2	ug/g	114
135-Trinitrobenzene	UNK-1-26	96015496	< 0.3	2.5	2	ug/g	123
1,3-Dinitrobenzene	UNK-1-26	96015496	< 0.3	2.0	2	ug/g	100
246-Trinitrotoluene	UNK-1-26	96015496	3.1	5.4	2	ug/g	115
2,4-Dinitrotoluene	UNK-1-26	96015496	< 0.3	1.4	2	ug/g	70

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LABORATORIES

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ANALYSIS DATES Form 06110682

Zenon ID:	96015486	96015487	96015488	96015489
Client ID:	2-1-(2)	12-1-(13)	12-2-(14)	12-3-(14)

HMX-TNTS	HMX	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
RDX-TNTS	RDX	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
TNB-TNTS	135-Trinitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
D012TNTS	1,3-Dinitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
T085TNTS	Tetryl	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N011TNTS	Nitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
TNT-TNTS	246-Trinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
A031TNTS	4-Amino-2,6-DNT	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
A032TNTS	2-Amino-4,6-DNT	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
D013TNTS	2,4-Dinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
D014TNTS	2,6-Dinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N012TNTS	2-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N013TNTS	3-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N014TNTS	4-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996

Matrix:	Soil	Soil	Soil	Soil
Sampled on:	20-JUN-1996	20-JUN-1996	20-JUN-1996	20-JUN-1996

ZENON LABORATORIES

A division of PHILIP Analytical Services Corp.

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ANALYSIS DATES Form 06110682

Zenon ID:	96015490	96015491	96015492	96015493
Client ID:	12-4-(13)	12-5-(13)	12-6-(13)	12-7-(12)

HMX-TNTS	HMX	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
RDX-TNTS	RDX	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
TNB-TNTS	135-Trinitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
D012TNTS	1,3-Dinitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
T085TNTS	Tetryl	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N011TNTS	Nitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
TNT-TNTS	246-Trinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
A031TNTS	4-Amino-2,6-DNT	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
A032TNTS	2-Amino-4,6-DNT	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
D013TNTS	2,4-Dinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
D014TNTS	2,6-Dinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N012TNTS	2-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N013TNTS	3-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996
N014TNTS	4-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996	28-JUN-1996

Matrix:	Soil	Soil	Soil	Soil
Sampled on:	20-JUN-1996	20-JUN-1996	20-JUN-1996	20-JUN-1996

ZENON

LABORATORIES

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28-Jun-96
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ANALYSIS DATES Form 06110682

Zenon ID:	96015494	96015495	96015496
Client ID:	30-1-(4)	30-2-(5)	UNK-1-26

HMX-TNTS	HMX	28-JUN-1996	28-JUN-1996	28-JUN-1996
RDX-TNTS	RDX	28-JUN-1996	28-JUN-1996	28-JUN-1996
TNB-TNTS	135-Trinitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996
D012TNTS	1,3-Dinitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996
T085TNTS	Tetryl	28-JUN-1996	28-JUN-1996	28-JUN-1996
N011TNTS	Nitrobenzene	28-JUN-1996	28-JUN-1996	28-JUN-1996
TNT-TNTS	246-Trinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996
A031TNTS	4-Amino-2,6-DNT	28-JUN-1996	28-JUN-1996	28-JUN-1996
A032TNTS	2-Amino-4,6-DNT	28-JUN-1996	28-JUN-1996	28-JUN-1996
D013TNTS	2,4-Dinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996
D014TNTS	2,6-Dinitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996
N012TNTS	2-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996
N013TNTS	3-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996
N014TNTS	4-Nitrotoluene	28-JUN-1996	28-JUN-1996	28-JUN-1996

Matrix:	Soil	Soil	Soil
Sampled on:	20-JUN-1996	20-JUN-1996	20-JUN-1996

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 1-1-(6)

Profile #:
Lab ID: AA04917

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.440	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	123	%
Ortho-terphenyl	WTPH-D	155	%

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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 1-2-(6)

Profile #:

Lab ID: AA04918

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.510	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	0.0147	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	85.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	137	%
Ortho-terphenyl	WTPH-D	Interference	%

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Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 1-3-(6)

Profile #:

Lab ID: AA04919

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.205	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	0.0112	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	84.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	29000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	111	%
Ortho-terphenyl	WTPH-D	168	%

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Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 1-4-(6)

Profile #:

Lab ID: AA04920

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	1.03	mg/L
Cadmium	EPA 6010	0.0133	mg/L
Chromium	EPA 6010	0.0394	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	0.537	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	73.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<200	mg/kg
Diesel	WTPH-HCID	<500	mg/kg
Motor Oil	WTPH-HCID	<1000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	169	%
Ortho-terphenyl	WTPH-D	Interference	%

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 1-5-(6)

Profile #:
Lab ID: AA04921

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.369	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	65.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<200	mg/kg
Diesel	WTPH-HCID	<500	mg/kg
Motor Oil	WTPH-HCID	<1000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	57.2	%
Ortho-terphenyl	WTPH-D	105	%

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Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 1-6-(5)

Profile #:

Lab ID: AA04922

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.293	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	0.00175	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	45.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<200	mg/kg
Diesel	WTPH-HCID	<500	mg/kg
Motor Oil	WTPH-HCID	<1000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	36.2	%
Ortho-terphenyl	WTPH-D	63.0	%

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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 2-1-(2)

Profile #:
Lab ID: AA04923

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.826	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	170	mg/kg
Diesel	WTPH-HCID	2600	mg/kg
Motor Oil	WTPH-HCID	13000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	144	%
Ortho-terphenyl	WTPH-D	Interference	%

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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 3-1-(3)

Profile #:
Lab ID: AA04924

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	1.33	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	0.0723	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	0.381	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<18	ug/kg
Methanol	EPA 8015	<18	ug/kg
Isobutyl Alcohol	EPA 8015	<2	ug/kg
N-Butyl Alcohol	EPA 8015	<9	ug/kg
Pyridine	EPA 8015	<2	ug/kg
2-Ethoxyethanol	EPA 8015	<2	ug/kg
Cyclohexanone	EPA 8015	<2	ug/kg
Nitrobenzene	EPA 8015	19.14	ug/kg ^{100T}
o-Cresol	EPA 8015	7.0	ug/kg
p-Cresol	EPA 8015	<2	ug/kg
m-Cresol	EPA 8015	<2	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	80	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 3-1-(3)

Profile #:
Lab ID: AA04924

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	11	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	6.7	ug/kg
m,p-Xylene	EPA 8260	16	ug/kg
o-Xylene	EPA 8260	17	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	130	%
Toluene-D8	EPA 8260	79	%
4-Bromofluorobenzene	EPA 8260	84	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<200	mg/kg
Diesel	WTPH-HCID	<500	mg/kg
Motor Oil	WTPH-HCID	62000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	124	%
Ortho-terphenyl	WTPH-D	Interference	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 6-1-(3)

Profile #:
Lab ID: AA04925

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	100	%
8260 BTEX SOLID			
Benzene	EPA 8260	230	ug/kg PPB
Toluene	EPA 8260	350	ug/kg
Ethylbenzene	EPA 8260	170	ug/kg
m,p-Xylene	EPA 8260	890	ug/kg
o-Xylene	EPA 8260	480	ug/kg
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<22	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<22	ug/kg
Acetone	EPA 8260	<22	ug/kg
Carbon Disulfide	EPA 8260	<4	ug/kg
Methylene Chloride	EPA 8260	<22	ug/kg
2-Butanone (MEK)	EPA 8260	<22	ug/kg
1,1,1-Trichloroethane	EPA 8260	<4	ug/kg
Carbon Tetrachloride	EPA 8260	<4	ug/kg
Benzene	EPA 8260	230	ug/kg
Trichloroethene	EPA 8260	<9	ug/kg
2-Nitropropane	EPA 8260	<22	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<22	ug/kg
Toluene	EPA 8260	350	ug/kg
1,1,2-Trichloroethane	EPA 8260	<4	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 6-1-(3)

Profile #:
Lab ID: AA04925

Analyte	Method	Result	Units
Tetrachloroethene	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<4	ug/kg
Ethylbenzene	EPA 8260	170	ug/kg
m,p-Xylene	EPA 8260	890	ug/kg
o-Xylene	EPA 8260	480	ug/kg
1,3-Dichlorobenzene	EPA 8260	<4	ug/kg
1,4-Dichlorobenzene	EPA 8260	<4	ug/kg
1,2-Dichlorobenzene	EPA 8260	<4	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	98	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	98	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<2000	mg/kg
Diesel	WTPH-HCID	490000	mg/kg
Motor Oil	WTPH-HCID	<10000	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	Interference	%
Ortho-terphenyl	WTPH-D	Interference	%

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-1-(10)

Profile #:
Lab ID: AA04926

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	86	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	2.4	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg

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Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-1-(10)

Profile #:

Lab ID: AA04926

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	<2	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<10	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<10	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
3-Methylpentane	EPA 8260	<10	ug/kg
Acrylonitrile	EPA 8260	<10	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolin	EPA 8260	<40	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<10	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
1,2-Dichloroethane	EPA 8260	<2	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-1-(10)

Profile #:

Lab ID: AA04926

Analyte	Method	Result	Units
Benzene	EPA 8260	2.4	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	<10	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<6	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<6	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	<2	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	4.8	ug/kg
2-Chlorotoluene	EPA 8260	<2	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	<2	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<2	ug/kg

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-1-(10)

Profile #:

Lab ID: AA04926

Analyte	Method	Result	Units
sec-Butylbenzene	EPA 8260	4.0	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	<2	ug/kg
p-Isopropyltoluene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	89	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<10	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	97	%
Toluene-D8	EPA 8260	98	%
4-Bromofluorobenzene	EPA 8260	97	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-1-(10)**Profile #:****Lab ID: AA04926**

Analyte	Method	Result	Units
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg

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Work Order No.:
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Client ID: 7-1-(10)

Profile #:
Lab ID: AA04926

Analyte	Method	Result	Units
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	68	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	26	%
Phenol-d5	EPA 8270	28	%
Nitrobenzene-d5	EPA 8270	39	%
2-Fluorobiphenyl	EPA 8270	39	%
2,4,6-Tribromophenol	EPA 8270	25	%
Terphenyl-d14	EPA 8270	35	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L
TX by Dohrmann	9076	<500	ppm

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Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-2-(9)

Profile #:

Lab ID: AA04927

Analyte	Method	Result	Units
Mercury	EPA 6010	<0.057	mg/L
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	81	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	2.1	ug/kg
o-Xylene	EPA 8260	2.3	ug/kg

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Work Order No.:
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Client ID: 7-2-(9)

Profile #:
Lab ID: AA04927

Analyte	Method	Result	Units
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	<2	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<10	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<10	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
3-Methylpentane	EPA 8260	<10	ug/kg
Acrylonitrile	EPA 8260	<10	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolin	EPA 8260	<41	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<10	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg

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Client ID: 7-2-(9)

Profile #:

Lab ID: AA04927

Analyte	Method	Result	Units
1,2-Dichloroethane	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	<10	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<6	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	2.1	ug/kg
o-Xylene	EPA 8260	2.3	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<6	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	3.7	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	8.8	ug/kg
2-Chlorotoluene	EPA 8260	<2	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	2.3	ug/kg

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Client ID: 7-2-(9)

Profile #:

Lab ID: AA04927

Analyte	Method	Result	Units
1,2,4-Trimethylbenzene	EPA 8260	20	ug/kg
sec-Butylbenzene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	<2	ug/kg
p-Isopropyltoluene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<10	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<10	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg

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Profile #:

Lab ID: AA04927

Analyte	Method	Result	Units
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg

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ENVIRONMENTALBY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-2-(9)

Profile #:
Lab ID: AA04927

Analyte	Method	Result	Units
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	36	%
Phenol-d5	EPA 8270	42	%
Nitrobenzene-d5	EPA 8270	51	%
2-Fluorobiphenyl	EPA 8270	49	%
2,4,6-Tribromophenol	EPA 8270	61	%
Terphenyl-d14	EPA 8270	83	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-3-(9)

Profile #:
Lab ID: AA04928

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	1.74	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	2.70	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	71	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<9	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<9	ug/kg
Acetone	EPA 8260	450	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<9	ug/kg
2-Butanone (MEK)	EPA 8260	52	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<9	ug/kg

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Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-3-(9)

Profile #:

Lab ID: AA04928

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<9	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	<2	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<9	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<9	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<9	ug/kg
Acetone	EPA 8260	450	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<9	ug/kg
Methylene Chloride	EPA 8260	<9	ug/kg
3-Methylpentane	EPA 8260	<9	ug/kg
Acrylonitrile	EPA 8260	<9	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolin	EPA 8260	<34	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-3-(9)

Profile #:

Lab ID: AA04928

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	52	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<9	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
1,2-Dichloroethane	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<9	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<9	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	<9	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<5	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg

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Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-3-(9)

Profile #:

Lab ID: AA04928

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<5	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	<2	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<2	ug/kg
2-Chlorotoluene	EPA 8260	<2	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	<2	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<2	ug/kg
sec-Butylbenzene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	<2	ug/kg
p-Isopropyltoluene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<9	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<9	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-3-(9)

Profile #:

Lab ID: AA04928

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-3-(9)

Profile #:

Lab ID: AA04928

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	71	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	28	%
Phenol-d5	EPA 8270	29	%
Nitrobenzene-d5	EPA 8270	35	%
2-Fluorobiphenyl	EPA 8270	39	%
2,4,6-Tribromophenol	EPA 8270	26	%
Terphenyl-d14	EPA 8270	41	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-3-(9)

Profile #:

Lab ID: AA04928

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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ENVIRONMENTAL

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Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-4-(9)

Profile #:
Lab ID: AA04929

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	39	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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P.O. No.:
Job Number: 06191522

Client ID: 7-4-(9)

Profile #:
Lab ID: AA04929

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<29	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
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TEL 206.227.6110
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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-4-(9)

Profile #:

Lab ID: AA04929

Analyte	Method	Result	Units
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-4-(9)

Profile #:
Lab ID: AA04929

Analyte	Method	Result	Units
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-4-(9)

Profile #:

Lab ID: AA04929

Analyte	Method	Result	Units
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-4-(9)

Profile #:

Lab ID: AA04929

Analyte	Method	Result	Units
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	49	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	25	%
Phenol-d5	EPA 8270	26	%
Nitrobenzene-d5	EPA 8270	33	%
2-Fluorobiphenyl	EPA 8270	35	%
2,4,6-Tribromophenol	EPA 8270	24	%
Terphenyl-d14	EPA 8270	33	%
BENZENE			
71-43-2 Benzene	EPA 8260	7.1	ug/L
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-5-(9)

Profile #:

Lab ID: AA04930

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.985	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	0.0188	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	70	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<8	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<8	ug/kg
Acetone	EPA 8260	1300	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<8	ug/kg
2-Butanone (MEK)	EPA 8260	190	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<8	ug/kg

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-5-(9)

Profile #:

Lab ID: AA04930

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	8.2	ug/kg
Toluene	EPA 8260	12	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	<2	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<8	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<8	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<8	ug/kg
Acetone	EPA 8260	1300	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<8	ug/kg
Methylene Chloride	EPA 8260	<8	ug/kg
3-Methylpentane	EPA 8260	<8	ug/kg
Acrylonitrile	EPA 8260	<8	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolin	EPA 8260	<30	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-5-(9)

Profile #:
Lab ID: AA04930

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	190	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<8	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
1,2-Dichloroethane	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<8	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	8.2	ug/kg
Toluene	EPA 8260	12	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	21	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<5	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-5-(9)

Profile #:
Lab ID: AA04930

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<5	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	<2	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<2	ug/kg
2-Chlorotoluene	EPA 8260	<2	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	<2	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<2	ug/kg
sec-Butylbenzene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	<2	ug/kg
p-Isopropyltoluene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<8	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<8	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	89	%
Toluene-D8	EPA 8260	110	%
4-Bromofluorobenzene	EPA 8260	110	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-5-(9)

Profile #:
Lab ID: AA04930

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
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TEL 206.227.6110
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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-5-(9)

Profile #:

Lab ID: AA04930

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	28	%
Phenol-d5	EPA 8270	29	%
Nitrobenzene-d5	EPA 8270	35	%
2-Fluorobiphenyl	EPA 8270	36	%
2,4,6-Tribromophenol	EPA 8270	24	%
Terphenyl-d14	EPA 8270	32	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Report Date: 07/12/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-5-(9)

Profile #:

Lab ID: AA04930

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-6-(6)

Profile #:

Lab ID: AA04931

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	94	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	450	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	110	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	2.4	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	18	ug/kg
Toluene	EPA 8260	42	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	37	ug/kg
m,p-Xylene	EPA 8260	160	ug/kg
o-Xylene	EPA 8260	63	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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Client ID: 7-6-(6)

Profile #:

Lab ID: AA04931

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<1	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<1	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<1	ug/kg
Acetone	EPA 8260	450	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<1	ug/kg
3-Methylpentane	EPA 8260	<1	ug/kg
Acrylonitrile	EPA 8260	<1	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	1.7	ug/kg
Acrolin	EPA 8260	<26	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	110	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<1	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg

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Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-6-(6)

Profile #:

Lab ID: AA04931

Analyte	Method	Result	Units
Benzene	EPA 8260	2.4	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	18	ug/kg
Toluene	EPA 8260	42	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	37	ug/kg
m,p-Xylene	EPA 8260	160	ug/kg
o-Xylene	EPA 8260	63	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg
Isopropylbenzene	EPA 8260	3.8	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	33	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	72	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	22	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	190	ug/kg

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Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 7-6-(6)

Profile #:

Lab ID: AA04931

Analyte	Method	Result	Units
sec-Butylbenzene	EPA 8260	4.1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	43	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	97	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	98	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg

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Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-6-(6)

Profile #:

Lab ID: AA04931

Analyte	Method	Result	Units
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	48	ug/kg

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Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 7-6-(6)

Profile #:
Lab ID: AA04931

Analyte	Method	Result	Units
Anthracene	EPA 8270	67	ug/kg
Di-n-butylphthalate	EPA 8270	85	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	21	%
Phenol-d5	EPA 8270	22	%
Nitrobenzene-d5	EPA 8270	52	%
2-Fluorobiphenyl	EPA 8270	65	%
2,4,6-Tribromophenol	EPA 8270	43	%
Terphenyl-d14	EPA 8270	58	%
BENZENE			
71-43-2 Benzene	EPA 8260	2.0	ug/L
TX by Dohrmann	9076	<500	ppm

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Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:

Lab ID: AA04932

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.785	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	96	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	9.3	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:
Lab ID: AA04932

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	9.3	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<27	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory

955 Powell Avenue S.W.

Renton, WA 98055-2908

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To: MARC STRICKLER

Analytical Report

Report Date: 07/12/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:

Lab ID: AA04932

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:
Lab ID: AA04932

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	98	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:
Lab ID: AA04932

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:

Lab ID: AA04932

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	75	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	1400	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	62	%
Phenol-d5	EPA 8270	32	%
Nitrobenzene-d5	EPA 8270	30	%
2-Fluorobiphenyl	EPA 8270	54	%
2,4,6-Tribromophenol	EPA 8270	82	%
Terphenyl-d14	EPA 8270	45	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-1-(14)

Profile #:
Lab ID: AA04932

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-2-(14)

Profile #:
Lab ID: AA04933

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	1.01	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	0.00219	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<12	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<12	ug/kg
Acetone	EPA 8260	<12	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<12	ug/kg
2-Butanone (MEK)	EPA 8260	<12	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<5	ug/kg
2-Nitropropane	EPA 8260	<12	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<12	ug/kg
Toluene	EPA 8260	21	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-3-(14)

Profile #:

Lab ID: AA04934

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.858	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	100	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<8	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<8	ug/kg
Acetone	EPA 8260	<8	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<8	ug/kg
2-Butanone (MEK)	EPA 8260	<8	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<8	ug/kg

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Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-3-(14)

Profile #:
Lab ID: AA04934

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<8	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	15	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<8	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<8	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<8	ug/kg
Acetone	EPA 8260	<8	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<8	ug/kg
Methylene Chloride	EPA 8260	<8	ug/kg
3-Methylpentane	EPA 8260	<8	ug/kg
Acrylonitrile	EPA 8260	<8	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolien	EPA 8260	<32	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg

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Client ID: 8-3-(14)

Profile #:
Lab ID: AA04934

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	<8	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<8	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
1,2-Dichloroethane	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<8	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<8	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	<8	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<5	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg

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Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-3-(14)

Profile #:

Lab ID: AA04934

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<5	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	<2	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<2	ug/kg
2-Chlorotoluene	EPA 8260	<2	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	<2	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<2	ug/kg
sec-Butylbenzene	EPA 8260	8.7	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	<2	ug/kg
p-Isopropyltoluene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<8	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<8	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
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TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-3-(14)

Profile #:

Lab ID: AA04934

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-3-(14)**Profile #:****Lab ID: AA04934**

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	120	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	2600	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	86	%
Phenol-d5	EPA 8270	85	%
Nitrobenzene-d5	EPA 8270	59	%
2-Fluorobiphenyl	EPA 8270	110	%
2,4,6-Tribromophenol	EPA 8270	110	%
Terphenyl-d14	EPA 8270	105	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:	
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:	
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522	
Client ID: 8-3-(14)		Profile #:	
		Lab ID: AA04934	
Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-4-(14)

Profile #:
Lab ID: AA04935

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.798	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	92	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-4-(14)

Profile #:

Lab ID: AA04935

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<30	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-4-(14)

Profile #:

Lab ID: AA04935

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-4-(14)

Profile #:

Lab ID: AA04935

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	88	%
4-Bromofluorobenzene	EPA 8260	120	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-4-(14)

Profile #:

Lab ID: AA04935

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-4-(14)

Profile #:

Lab ID: AA04935

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	84	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	990	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	30	%
Phenol-d5	EPA 8270	31	%
Nitrobenzene-d5	EPA 8270	25	%
2-Fluorobiphenyl	EPA 8270	45	%
2,4,6-Tribromophenol	EPA 8270	47	%
Terphenyl-d14	EPA 8270	81	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-4-(14)

Profile #:

Lab ID: AA04935

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-5-(14)

Profile #:
Lab ID: AA04936

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.860	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	93	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-5-(14)

Profile #:

Lab ID: AA04936

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	<2	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<10	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<10	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
3-Methylpentane	EPA 8260	<10	ug/kg
Acrylonitrile	EPA 8260	<10	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolin	EPA 8260	<40	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-5-(14)

Profile #:

Lab ID: AA04936

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<10	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
1,2-Dichloroethane	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	<10	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<6	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-5-(14)

Profile #:

Lab ID: AA04936

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<6	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	<2	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<2	ug/kg
2-Chlorotoluene	EPA 8260	<2	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	<2	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<2	ug/kg
sec-Butylbenzene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	<2	ug/kg
p-Isopropyltoluene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<10	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<10	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-5-(14)

Profile #:

Lab ID: AA04936

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-5-(14)

Profile #:

Lab ID: AA04936

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	47	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	1500	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	31	%
Phenol-d5	EPA 8270	29	%
Nitrobenzene-d5	EPA 8270	30	%
2-Fluorobiphenyl	EPA 8270	51	%
2,4,6-Tribromophenol	EPA 8270	34	%
Terphenyl-d14	EPA 8270	81	%
BENZENE			
71-43-2 Benzene	EPA 8260	1.3	ug/L

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-5-(14)

Profile #:

Lab ID: AA04936

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-6-(14)

Profile #:
Lab ID: AA04937

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.686	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	94	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-6-(14)

Profile #:

Lab ID: AA04937

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<27	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011Work Order No.:
P.O. No.:
Job Number: 06191522**Client ID:** 8-6-(14)**Profile #:****Lab ID:** AA04937

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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ENVIRONMENTALBY-PRODUCT RECOVERY GROUP
WESTERN REGION**Philip Environmental Laboratory**

955 Powell Avenue S.W.

Renton, WA 98055-2908

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-6-(14)

Profile #:

Lab ID: AA04937

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	97	%
4-Bromofluorobenzene	EPA 8260	110	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-6-(14)

Profile #:

Lab ID: AA04937

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-6-(14)

Profile #:

Lab ID: AA04937

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	140	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	960	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	33	%
Phenol-d5	EPA 8270	30	%
Nitrobenzene-d5	EPA 8270	26	%
2-Fluorobiphenyl	EPA 8270	54	%
2,4,6-Tribromophenol	EPA 8270	48	%
Terphenyl-d14	EPA 8270	83	%
BENZENE			
71-43-2 Benzene	EPA 8260	2.6	ug/L

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-6-(14)

Profile #:
Lab ID: AA04937

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-7-(14)

Profile #:

Lab ID: AA04938

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.920	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	100	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-7-(14)

Profile #:
Lab ID: AA04938

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<5	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<5	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
3-Methylpentane	EPA 8260	<5	ug/kg
Acrylonitrile	EPA 8260	<5	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<20	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-7-(14)

Profile #:

Lab ID: AA04938

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<5	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<5	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<3	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-7-(14)

Profile #:
Lab ID: AA04938

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<3	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<5	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<5	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	98	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-7-(14)

Profile #:

Lab ID: AA04938

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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ENVIRONMENTAL

BY-PRODUCT RECOVERY GROUP
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Client ID: 8-7-(14)

Profile #:

Lab ID: AA04938

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	70	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	480	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	20	%
Phenol-d5	EPA 8270	23	%
Nitrobenzene-d5	EPA 8270	27	%
2-Fluorobiphenyl	EPA 8270	51	%
2,4,6-Tribromophenol	EPA 8270	58	%
Terphenyl-d14	EPA 8270	28	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-7-(14)

Profile #:
Lab ID: AA04938

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-8-(14)

Profile #:
Lab ID: AA04939

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.851	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	94	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-8-(14)

Profile #:
Lab ID: AA04939

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-Dichlorotrifluoroethane	EPA 8260	<5	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<5	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
3-Methylpentane	EPA 8260	<5	ug/kg
Acrylonitrile	EPA 8260	<5	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<20	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-8-(14)

Profile #:

Lab ID: AA04939

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<5	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<5	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<3	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-8-(14)

Profile #:

Lab ID: AA04939

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<3	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<5	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<5	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-8-(14)

Profile #:

Lab ID: AA04939

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-8-(14)

Profile #:

Lab ID: AA04939

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	93	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	1600	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	38	%
Phenol-d5	EPA 8270	46	%
Nitrobenzene-d5	EPA 8270	37	%
2-Fluorobiphenyl	EPA 8270	78	%
2,4,6-Tribromophenol	EPA 8270	81	%
Terphenyl-d14	EPA 8270	110	%
BENZENE			
71-43-2 Benzene	EPA 8260	65	ug/L

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-8-(14)

Profile #:

Lab ID: AA04939

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:
Lab ID: AA04940

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.762	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	93	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<6	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<6	ug/kg
Acetone	EPA 8260	7.6	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<6	ug/kg
2-Butanone (MEK)	EPA 8260	<6	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<6	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:

Lab ID: AA04940

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<6	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<6	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<6	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<6	ug/kg
Acetone	EPA 8260	7.6	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<6	ug/kg
Methylene Chloride	EPA 8260	<6	ug/kg
3-Methylpentane	EPA 8260	<6	ug/kg
Acrylonitrile	EPA 8260	<6	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<23	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
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TEL 206.227.6110
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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:

Lab ID: AA04940

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<6	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<6	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<6	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<6	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<6	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<3	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:

Lab ID: AA04940

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<3	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<6	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<6	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	98	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:
Lab ID: AA04940

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:

Lab ID: AA04940

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	120	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	3200	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	59	%
Phenol-d5	EPA 8270	62	%
Nitrobenzene-d5	EPA 8270	87	%
2-Fluorobiphenyl	EPA 8270	55	%
2,4,6-Tribromophenol	EPA 8270	65	%
Terphenyl-d14	EPA 8270	81	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-9-(14)

Profile #:

Lab ID: AA04940

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-10-(14)

Profile #:

Lab ID: AA04941

Analyte	Method	Result	Units
Silver	EPA 6010	<0.0114	mg/L
Arsenic	EPA 6010	<0.114	mg/L
Barium	EPA 6010	0.956	mg/L
Cadmium	EPA 6010	<0.0057	mg/L
Chromium	EPA 6010	<0.0114	mg/L
Mercury	EPA 6010	<0.057	mg/L
Lead	EPA 6010	<0.114	mg/L
Selenium	EPA 6010	<0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	94	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Client ID: 8-10-(14)

Profile #:

Lab ID: AA04941

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<29	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Project No: 96W011

Work Order No.:
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Job Number: 06191522

Client ID: 8-10-(14)

Profile #:

Lab ID: AA04941

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-10-(14)

Profile #:

Lab ID: AA04941

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Project No: 96W011

Work Order No.:
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Job Number: 06191522

Client ID: 8-10-(14)

Profile #:

Lab ID: AA04941

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-10-(14)

Profile #:
Lab ID: AA04941

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	86	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	2400	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	29	%
Phenol-d5	EPA 8270	33	%
Nitrobenzene-d5	EPA 8270	24	%
2-Fluorobiphenyl	EPA 8270	44	%
2,4,6-Tribromophenol	EPA 8270	68	%
Terphenyl-d14	EPA 8270	63	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-10-(14)

Profile #:

Lab ID: AA04941

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-11-(14)

Profile #:
Lab ID: AA04942

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.864	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	93	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-11-(14)**Profile #:****Lab ID: AA04942**

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<27	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-11-(14)

Profile #:

Lab ID: AA04942

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-11-(14)

Profile #:

Lab ID: AA04942

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	99	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-11-(14)

Profile #:

Lab ID: AA04942

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-11-(14)

Profile #:

Lab ID: AA04942

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	180	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	560	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	34	%
Phenol-d5	EPA 8270	35	%
Nitrobenzene-d5	EPA 8270	26	%
2-Fluorobiphenyl	EPA 8270	49	%
2,4,6-Tribromophenol	EPA 8270	55	%
Terphenyl-d14	EPA 8270	94	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-11-(14)

Profile #:

Lab ID: AA04942

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-12-(14)

Profile #:

Lab ID: AA04943

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.807	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	96	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-12-(14)

Profile #:
Lab ID: AA04943

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-Dichlorotrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<27	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Lab ID: AA04943

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Work Order No.:
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Job Number: 06191522

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Profile #:
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Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	99	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	99	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Work Order No.:
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Job Number: 06191522

Client ID: 8-12-(14)

Profile #:

Lab ID: AA04943

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Client ID: 8-12-(14)

Profile #:
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Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	56	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	650	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	35	%
Phenol-d5	EPA 8270	40	%
Nitrobenzene-d5	EPA 8270	75	%
2-Fluorobiphenyl	EPA 8270	51	%
2,4,6-Tribromophenol	EPA 8270	61	%
Terphenyl-d14	EPA 8270	69	%
BENZENE			
71-43-2 Benzene	EPA 8260	23	ug/L

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Client ID: 8-12-(14)

Profile #:

Lab ID: AA04943

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Client ID: 8-13-(14)

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Lab ID: AA04944

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	1.15	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	93	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<7	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<7	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
3-Methylpentane	EPA 8260	<7	ug/kg
Acrylonitrile	EPA 8260	<7	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<26	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<7	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<7	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<7	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<7	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-13-(14)

Profile #:

Lab ID: AA04944

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 8-13-(14)

Profile #:
Lab ID: AA04944

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	2300	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	75	%
Phenol-d5	EPA 8270	48	%
Nitrobenzene-d5	EPA 8270	59	%
2-Fluorobiphenyl	EPA 8270	55	%
2,4,6-Tribromophenol	EPA 8270	81	%
Terphenyl-d14	EPA 8270	97	%
BENZENE			
71-43-2 Benzene	EPA 8260	2.1	ug/L

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 8-13-(14)

Profile #:

Lab ID: AA04944

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 9-1-(7)

Profile #:
Lab ID: AA04945

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	1.61	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	12.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<250	ug/kg
Methanol	EPA 8015	<250	ug/kg
Isobutyl Alcohol	EPA 8015	<25	ug/kg
N-Butyl Alcohol	EPA 8015	<125	ug/kg
Pyridine	EPA 8015	<25	ug/kg
2-Ethoxyethanol	EPA 8015	<25	ug/kg
Cyclohexanone	EPA 8015	<25	ug/kg
Nitrobenzene	EPA 8015	<25	ug/kg
o-Cresol	EPA 8015	<25	ug/kg
p-Cresol	EPA 8015	<25	ug/kg
m-Cresol	EPA 8015	<25	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	78	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<56	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<56	ug/kg
Acetone	EPA 8260	<56	ug/kg
Carbon Disulfide	EPA 8260	<11	ug/kg
Methylene Chloride	EPA 8260	<56	ug/kg
2-Butanone (MEK)	EPA 8260	<56	ug/kg
1,1,1-Trichloroethane	EPA 8260	<11	ug/kg
Carbon Tetrachloride	EPA 8260	<11	ug/kg
Benzene	EPA 8260	<11	ug/kg
Trichloroethene	EPA 8260	<22	ug/kg
2-Nitropropane	EPA 8260	<56	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 9-1-(7)

Profile #:
Lab ID: AA04945

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<56	ug/kg
Toluene	EPA 8260	57	ug/kg
1,1,2-Trichloroethane	EPA 8260	<11	ug/kg
Tetrachloroethene	EPA 8260	<11	ug/kg
Chlorobenzene	EPA 8260	<11	ug/kg
Ethylbenzene	EPA 8260	22	ug/kg
m,p-Xylene	EPA 8260	33	ug/kg
o-Xylene	EPA 8260	14	ug/kg
1,3-Dichlorobenzene	EPA 8260	<11	ug/kg
1,4-Dichlorobenzene	EPA 8260	<11	ug/kg
1,2-Dichlorobenzene	EPA 8260	<11	ug/kg
EPA 8260 Soil VOA\Volatiles			
Dichlorodifluoromethane	EPA 8260	<11	ug/kg
Chloromethane	EPA 8260	<11	ug/kg
Vinyl chloride	EPA 8260	<11	ug/kg
Bromomethane	EPA 8260	<11	ug/kg
Chloroethane	EPA 8260	<11	ug/kg
Trichlorofluoromethane	EPA 8260	<11	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<56	ug/kg
1,1-Dichloroethene	EPA 8260	<11	ug/kg
Ethyl Ether	EPA 8260	<56	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<56	ug/kg
Acetone	EPA 8260	<56	ug/kg
Carbon Disulfide	EPA 8260	<11	ug/kg
2-Methylpentane	EPA 8260	<56	ug/kg
Methylene Chloride	EPA 8260	<56	ug/kg
3-Methylpentane	EPA 8260	<56	ug/kg
Acrylonitrile	EPA 8260	<56	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<11	ug/kg
1,1-Dichloroethane	EPA 8260	<11	ug/kg
Vinyl Acetate	EPA 8260	<11	ug/kg
Methylcyclopentane	EPA 8260	<11	ug/kg
Acrolin	EPA 8260	<222	ug/kg
2,2-Dichloropropane	EPA 8260	<11	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 9-1-(7)

Profile #:

Lab ID: AA04945

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<11	ug/kg
2-Butanone (MEK)	EPA 8260	<56	ug/kg
Bromochloromethane	EPA 8260	<11	ug/kg
Tetrahydrofuran	EPA 8260	<56	ug/kg
Chloroform	EPA 8260	<11	ug/kg
1,1,1-Trichloroethane	EPA 8260	<11	ug/kg
1,1-Dichloropropene	EPA 8260	<11	ug/kg
Carbon Tetrachloride	EPA 8260	<11	ug/kg
1,2-Dichloroethane	EPA 8260	<11	ug/kg
Benzene	EPA 8260	<11	ug/kg
Trichloroethene	EPA 8260	<22	ug/kg
1,2-Dichloropropane	EPA 8260	<11	ug/kg
Dibromomethane	EPA 8260	<11	ug/kg
Bromodichloromethane	EPA 8260	<11	ug/kg
2-Nitropropane	EPA 8260	<56	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<11	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<11	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<56	ug/kg
Toluene	EPA 8260	57	ug/kg
1,2,3-Trichloropropane	EPA 8260	<11	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<11	ug/kg
1,1,2-Trichloroethane	EPA 8260	<11	ug/kg
1,3-Dichloropropane	EPA 8260	<11	ug/kg
Tetrachloroethene	EPA 8260	<11	ug/kg
2-Hexanone	EPA 8260	<56	ug/kg
1,2-Dibromoethane	EPA 8260	<11	ug/kg
Dibromochloromethane	EPA 8260	<11	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<33	ug/kg
Chlorobenzene	EPA 8260	<11	ug/kg
Ethylbenzene	EPA 8260	22	ug/kg
m,p-Xylene	EPA 8260	33	ug/kg
o-Xylene	EPA 8260	14	ug/kg
Styrene	EPA 8260	<11	ug/kg
Bromoform	EPA 8260	<11	ug/kg

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Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 9-1-(7)**Profile #:****Lab ID: AA04945**

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<11	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<33	ug/kg
Bromobenzene	EPA 8260	<11	ug/kg
n-propylbenzene	EPA 8260	<11	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<11	ug/kg
2-Chlorotoluene	EPA 8260	<11	ug/kg
4-Chlorotoluene	EPA 8260	<11	ug/kg
tert-Butylbenzene	EPA 8260	<11	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<11	ug/kg
sec-Butylbenzene	EPA 8260	<11	ug/kg
1,3-Dichlorobenzene	EPA 8260	<11	ug/kg
1,4-Dichlorobenzene	EPA 8260	<11	ug/kg
n-Butylbenzene	EPA 8260	<11	ug/kg
p-Isopropyltoluene	EPA 8260	<11	ug/kg
1,2-Dichlorobenzene	EPA 8260	<11	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<56	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<11	ug/kg
Hexachlorobutadiene	EPA 8260	<11	ug/kg
Naphthalene	EPA 8260	<56	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<11	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 9-1-(7)

Profile #:

Lab ID: AA04945

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 9-1-(7)

Profile #:

Lab ID: AA04945

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	85	%
Phenol-d5	EPA 8270	75	%
Nitrobenzene-d5	EPA 8270	83	%
2-Fluorobiphenyl	EPA 8270	46	%
2,4,6-Tribromophenol	EPA 8270	52	%
Terphenyl-d14	EPA 8270	68	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:	
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522	
Client ID: 9-1-(7)		Profile #:	
		Lab ID: AA04945	
Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 11-1-(1)

Profile #:

Lab ID: AA04946

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	1600	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.23	mg/kg
Aroclor-1221	EPA 8080	< 0.23	mg/kg
Aroclor-1232	EPA 8080	< 0.23	mg/kg
Aroclor-1242	EPA 8080	< 0.23	mg/kg
Aroclor-1248	EPA 8080	< 0.23	mg/kg
Aroclor-1254	EPA 8080	< 0.23	mg/kg
Aroclor-1260	EPA 8080	< 0.23	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	84	%
DCB	EPA 8080	82	%
EPA 8081 Pesticide Surrogates			
TCX	EPA 8081	Interference	%
DCB	EPA 8081	Interference	%
TCLP Pesticides			
319-84-6 alpha-BHC	1311/8080	<.0004	ug/L
58-89-9 gamma-BHC (Lindane)	1311/8080	<.0004	ug/L
76-44-8 Heptachlor	1311/8080	40.1	ug/L
309-00-2 Aldrin	1311/8080	<.0004	ug/L
319-85-7 beta-BHC	1311/8080	<.0004	ug/L
319-86-8 delta-BHC	1311/8080	<.0004	ug/L
1024-57-3 Heptachlor Epoxide	1311/8080	<.0004	ug/L
959-98-8 Endosulfan I	1311/8080	<.0004	ug/L
5103-74-2 gamma-Chlordane	1311/8080	<.0004	ug/L
5103-71-9 alpha-Chlordane	1311/8080	<.0004	ug/L
72-55-9 4,4'-DDE	1311/8080	<.0008	ug/L
60-57-1 Dieldrin	1311/8080	<.0008	ug/L
72-20-8 Endrin	1311/8080	<.0008	ug/L
33213-65-9 Endosulfan II	1311/8080	<.0008	ug/L
72-54-8 4,4'-DDD	1311/8080	<.0008	ug/L
50-29-3 4,4'-DDT	1311/8080	<.0008	ug/L

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 11-1-(1)

Profile #:

Lab ID: AA04946

Analyte	Method	Result	Units
7421-36-3 Endrin Aldehyde	1311/8080	<.0008	ug/L
1031-07-8 Endosulfan Sulfate	1311/8080	21.4	ug/L
72-43-5 Methoxychlor	1311/8080	<.002	ug/L
53494-70-5 Endrin Ketone	1311/8080	<.0008	ug/L
8001-35-2 Toxaphene	1311/8080	<.002	ug/L
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	138	%
Ortho-terphenyl	WTPH-D	168	%

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-1-(13)

Profile #:

Lab ID: AA04947

Analyte	Method	Result	Units
WTPH-HCID Water			
Gasoline	WTPH-HCID	<20	mg/L
Diesel	WTPH-HCID	<50	mg/L
Motor Oil	WTPH-HCID	690	mg/L
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	124	%
Ortho-terphenyl	WTPH-D	145	%

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-2-(14)

Profile #:
Lab ID: AA04948

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	6600	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	124	%
Ortho-terphenyl	WTPH-D	Interference	%

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-3-(14)

Profile #:
Lab ID: AA04949

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	114	%
Ortho-terphenyl	WTPH-D	141	%

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-4-(13)

Profile #:

Lab ID: AA04950

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	118	%
Ortho-terphenyl	WTPH-D	149	%

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-5-(13)

Profile #:
Lab ID: AA04951

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	109	%
Ortho-terphenyl	WTPH-D	125	%

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Sample Collected: 06/19/96
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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-6-(13)

Profile #:
Lab ID: AA04952

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	110	%
Ortho-terphenyl	WTPH-D	125	%

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 12-7-(12)

Profile #:

Lab ID: AA04953

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	3500	mg/kg
Motor Oil	WTPH-HCID	3200	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	130	%
Ortho-terphenyl	WTPH-D	Interference	%

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 15-1-(4)

Profile #:

Lab ID: AA04954

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	1.05	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	120	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<6	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<6	ug/kg
Acetone	EPA 8260	<6	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<6	ug/kg
2-Butanone (MEK)	EPA 8260	<6	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<6	ug/kg

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Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 15-1-(4)

Profile #:

Lab ID: AA04954

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<6	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<1	ug/kg
Chloromethane	EPA 8260	<1	ug/kg
Vinyl chloride	EPA 8260	<1	ug/kg
Bromomethane	EPA 8260	<1	ug/kg
Chloroethane	EPA 8260	<1	ug/kg
Trichlorofluoromethane	EPA 8260	<1	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<6	ug/kg
1,1-Dichloroethene	EPA 8260	<1	ug/kg
Ethyl Ether	EPA 8260	<6	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<6	ug/kg
Acetone	EPA 8260	<6	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
2-Methylpentane	EPA 8260	<6	ug/kg
Methylene Chloride	EPA 8260	<6	ug/kg
3-Methylpentane	EPA 8260	<6	ug/kg
Acrylonitrile	EPA 8260	<6	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<1	ug/kg
1,1-Dichloroethane	EPA 8260	<1	ug/kg
Vinyl Acetate	EPA 8260	<1	ug/kg
Methylcyclopentane	EPA 8260	<1	ug/kg
Acrolin	EPA 8260	<26	ug/kg
2,2-Dichloropropane	EPA 8260	<1	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-1-(4)

Profile #:
Lab ID: AA04954

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<1	ug/kg
2-Butanone (MEK)	EPA 8260	<6	ug/kg
Bromochloromethane	EPA 8260	<1	ug/kg
Tetrahydrofuran	EPA 8260	<6	ug/kg
Chloroform	EPA 8260	<1	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
1,1-Dichloropropene	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
1,2-Dichloroethane	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
1,2-Dichloropropane	EPA 8260	<1	ug/kg
Dibromomethane	EPA 8260	<1	ug/kg
Bromodichloromethane	EPA 8260	<1	ug/kg
2-Nitropropane	EPA 8260	<6	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<1	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<1	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<6	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,2,3-Trichloropropane	EPA 8260	<1	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<1	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
1,3-Dichloropropane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
2-Hexanone	EPA 8260	<6	ug/kg
1,2-Dibromoethane	EPA 8260	<1	ug/kg
Dibromochloromethane	EPA 8260	<1	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
Styrene	EPA 8260	<1	ug/kg
Bromoform	EPA 8260	<1	ug/kg

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Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-1-(4)

Profile #:
Lab ID: AA04954

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<1	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<4	ug/kg
Bromobenzene	EPA 8260	<1	ug/kg
n-propylbenzene	EPA 8260	<1	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<1	ug/kg
2-Chlorotoluene	EPA 8260	<1	ug/kg
4-Chlorotoluene	EPA 8260	<1	ug/kg
tert-Butylbenzene	EPA 8260	<1	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<1	ug/kg
sec-Butylbenzene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
n-Butylbenzene	EPA 8260	<1	ug/kg
p-Isopropyltoluene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<6	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<1	ug/kg
Hexachlorobutadiene	EPA 8260	<1	ug/kg
Naphthalene	EPA 8260	<6	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-1-(4)

Profile #:

Lab ID: AA04954

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-1-(4)

Profile #:

Lab ID: AA04954

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	38	%
Phenol-d5	EPA 8270	35	%
Nitrobenzene-d5	EPA 8270	83	%
2-Fluorobiphenyl	EPA 8270	48	%
2,4,6-Tribromophenol	EPA 8270	74	%
Terphenyl-d14	EPA 8270	81	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 15-1-(4)

Profile #:

Lab ID: AA04954

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
Silver	EPA 6010	<0.0114	mg/L
Arsenic	EPA 6010	<0.114	mg/L
Barium	EPA 6010	1.06	mg/L
Cadmium	EPA 6010	<0.0057	mg/L
Chromium	EPA 6010	<0.0114	mg/L
Mercury	EPA 6010	<0.057	mg/L
Lead	EPA 6010	<0.114	mg/L
Selenium	EPA 6010	<0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	95	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<11	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<11	ug/kg
Acetone	EPA 8260	13	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<11	ug/kg
2-Butanone (MEK)	EPA 8260	<11	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	24	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<11	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<2	ug/kg
Chloromethane	EPA 8260	<2	ug/kg
Vinyl chloride	EPA 8260	<2	ug/kg
Bromomethane	EPA 8260	<2	ug/kg
Chloroethane	EPA 8260	<2	ug/kg
Trichlorofluoromethane	EPA 8260	<2	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<11	ug/kg
1,1-Dichloroethene	EPA 8260	<2	ug/kg
Ethyl Ether	EPA 8260	<11	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<11	ug/kg
Acetone	EPA 8260	13	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
2-Methylpentane	EPA 8260	<11	ug/kg
Methylene Chloride	EPA 8260	<11	ug/kg
3-Methylpentane	EPA 8260	<11	ug/kg
Acrylonitrile	EPA 8260	<11	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<2	ug/kg
1,1-Dichloroethane	EPA 8260	<2	ug/kg
Vinyl Acetate	EPA 8260	<2	ug/kg
Methylcyclopentane	EPA 8260	<2	ug/kg
Acrolin	EPA 8260	<44	ug/kg
2,2-Dichloropropane	EPA 8260	<2	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<2	ug/kg
2-Butanone (MEK)	EPA 8260	<11	ug/kg
Bromochloromethane	EPA 8260	<2	ug/kg
Tetrahydrofuran	EPA 8260	<11	ug/kg
Chloroform	EPA 8260	<2	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
1,1-Dichloropropene	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
1,2-Dichloroethane	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
1,2-Dichloropropane	EPA 8260	<2	ug/kg
Dibromomethane	EPA 8260	<2	ug/kg
Bromodichloromethane	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	24	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<2	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<2	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<11	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,2,3-Trichloropropane	EPA 8260	<2	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
1,3-Dichloropropane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
2-Hexanone	EPA 8260	<11	ug/kg
1,2-Dibromoethane	EPA 8260	<2	ug/kg
Dibromochloromethane	EPA 8260	<2	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<7	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
Styrene	EPA 8260	<2	ug/kg
Bromoform	EPA 8260	<2	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<2	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<7	ug/kg
Bromobenzene	EPA 8260	<2	ug/kg
n-propylbenzene	EPA 8260	7.2	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	30	ug/kg
2-Chlorotoluene	EPA 8260	5.8	ug/kg
4-Chlorotoluene	EPA 8260	<2	ug/kg
tert-Butylbenzene	EPA 8260	4.7	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	36	ug/kg
sec-Butylbenzene	EPA 8260	9.3	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
n-Butylbenzene	EPA 8260	13	ug/kg
p-Isopropyltoluene	EPA 8260	810	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<11	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<2	ug/kg
Hexachlorobutadiene	EPA 8260	<2	ug/kg
Naphthalene	EPA 8260	<11	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	96	%
4-Bromofluorobenzene	EPA 8260	99	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<1670	ug/kg
Aniline	EPA 8270	<1670	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<330	ug/kg
Phenol	EPA 8270	<330	ug/kg
2-Chlorophenol	EPA 8270	<330	ug/kg
1,3-Dichlorobenzene	EPA 8270	<330	ug/kg
1,4-Dichlorobenzene	EPA 8270	<330	ug/kg
1,2-Dichlorobenzene	EPA 8270	<330	ug/kg
Benzyl alcohol	EPA 8270	<670	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<330	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<330	ug/kg
Acetophenone	EPA 8270	<1670	ug/kg
Hexachloroethane	EPA 8270	<330	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<330	ug/kg
4-Methylphenol	EPA 8270	<330	ug/kg
Nitrobenzene	EPA 8270	<330	ug/kg
Isophorone	EPA 8270	<330	ug/kg
2-Nitrophenol	EPA 8270	<330	ug/kg
2,4-Dimethylphenol	EPA 8270	<330	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<330	ug/kg
2,4-Dichlorophenol	EPA 8270	<330	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<330	ug/kg
Naphthalene	EPA 8270	<330	ug/kg
4-Chloroaniline	EPA 8270	<670	ug/kg
Hexachlorobutadiene	EPA 8270	<330	ug/kg
Benzoic Acid	EPA 8270	<1670	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<670	ug/kg
2-Methylnaphthalene	EPA 8270	<330	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<330	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<330	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<330	ug/kg
2-Chloronaphthalene	EPA 8270	<330	ug/kg
2-Nitroaniline	EPA 8270	<670	ug/kg
Acenaphthylene	EPA 8270	<330	ug/kg
Dimethylphthalate	EPA 8270	<330	ug/kg
2,6-Dinitrotoluene	EPA 8270	<330	ug/kg
Acenaphthene	EPA 8270	<330	ug/kg
3-Nitroaniline	EPA 8270	<1670	ug/kg
2,4-Dinitrophenol	EPA 8270	<1670	ug/kg
Dibenzofuran	EPA 8270	<1670	ug/kg
2,4-Dinitrotoluene	EPA 8270	<330	ug/kg
4-Nitrophenol	EPA 8270	<330	ug/kg
Fluorene	EPA 8270	<330	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<330	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<330	ug/kg
4-Nitroaniline	EPA 8270	<1670	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<1670	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<330	ug/kg
Azobenzene	EPA 8270	<330	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<330	ug/kg
Hexachlorobenzene	EPA 8270	<330	ug/kg
Pentachlorophenol	EPA 8270	<1670	ug/kg
Phenanthrene	EPA 8270	<330	ug/kg
Anthracene	EPA 8270	<330	ug/kg
Di-n-butylphthalate	EPA 8270	<330	ug/kg
Fluoranthene	EPA 8270	<330	ug/kg
Benzidine	EPA 8270	<330	ug/kg
Pyrene	EPA 8270	<330	ug/kg
Butylbenzylphthalate	EPA 8270	<330	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<330	ug/kg
Benzo[a]anthracene	EPA 8270	<670	ug/kg
Chrysene	EPA 8270	<330	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<1670	ug/kg
Di-n-octylphthalate	EPA 8270	<330	ug/kg
Benzo[b]fluoranthene	EPA 8270	<330	ug/kg
Benzo[k]fluoranthene	EPA 8270	<330	ug/kg
Benzo[a]pyrene	EPA 8270	<330	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<330	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<330	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<330	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	75	%
Phenol-d5	EPA 8270	73	%
Nitrobenzene-d5	EPA 8270	64	%
2-Fluorobiphenyl	EPA 8270	96	%
2,4,6-Tribromophenol	EPA 8270	112	%
Terphenyl-d14	EPA 8270	117	%
BENZENE			
71-43-2 Benzene	EPA 8260	5.8	ug/L

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 15-2-(8)

Profile #:

Lab ID: AA04955

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 17-1-(4)

Profile #:

Lab ID: AA04956

Analyte	Method	Result	Units
Silver	EPA 6010	<0.0114	mg/L
Arsenic	EPA 6010	<0.114	mg/L
Barium	EPA 6010	0.696	mg/L
Cadmium	EPA 6010	<0.0057	mg/L
Chromium	EPA 6010	<0.0114	mg/L
Mercury	EPA 6010	<0.057	mg/L
Lead	EPA 6010	<0.114	mg/L
Selenium	EPA 6010	<0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	34.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	100	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<43	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<43	ug/kg
Acetone	EPA 8260	<43	ug/kg
Carbon Disulfide	EPA 8260	<9	ug/kg
Methylene Chloride	EPA 8260	<43	ug/kg
2-Butanone (MEK)	EPA 8260	<43	ug/kg
1,1,1-Trichloroethane	EPA 8260	<9	ug/kg
Carbon Tetrachloride	EPA 8260	<9	ug/kg
Benzene	EPA 8260	<9	ug/kg
Trichloroethene	EPA 8260	<17	ug/kg
2-Nitropropane	EPA 8260	<43	ug/kg

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 17-1-(4)

Profile #:

Lab ID: AA04956

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<43	ug/kg
Toluene	EPA 8260	110	ug/kg
1,1,2-Trichloroethane	EPA 8260	<9	ug/kg
Tetrachloroethene	EPA 8260	<9	ug/kg
Chlorobenzene	EPA 8260	<9	ug/kg
Ethylbenzene	EPA 8260	57	ug/kg
m,p-Xylene	EPA 8260	220	ug/kg
o-Xylene	EPA 8260	38	ug/kg
1,3-Dichlorobenzene	EPA 8260	<9	ug/kg
1,4-Dichlorobenzene	EPA 8260	<9	ug/kg
1,2-Dichlorobenzene	EPA 8260	<9	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<9	ug/kg
Chloromethane	EPA 8260	<9	ug/kg
Vinyl chloride	EPA 8260	<9	ug/kg
Bromomethane	EPA 8260	<9	ug/kg
Chloroethane	EPA 8260	<9	ug/kg
Trichlorofluoromethane	EPA 8260	<9	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<43	ug/kg
1,1-Dichloroethene	EPA 8260	<9	ug/kg
Ethyl Ether	EPA 8260	<43	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<43	ug/kg
Acetone	EPA 8260	<43	ug/kg
Carbon Disulfide	EPA 8260	<9	ug/kg
2-Methylpentane	EPA 8260	<43	ug/kg
Methylene Chloride	EPA 8260	<43	ug/kg
3-Methylpentane	EPA 8260	<43	ug/kg
Acrylonitrile	EPA 8260	<43	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<9	ug/kg
1,1-Dichloroethane	EPA 8260	<9	ug/kg
Vinyl Acetate	EPA 8260	<9	ug/kg
Methylcyclopentane	EPA 8260	<9	ug/kg
Acrolin	EPA 8260	<172	ug/kg
2,2-Dichloropropane	EPA 8260	<9	ug/kg

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Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 17-1-(4)

Profile #:
Lab ID: AA04956

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<9	ug/kg
2-Butanone (MEK)	EPA 8260	<43	ug/kg
Bromochloromethane	EPA 8260	<9	ug/kg
Tetrahydrofuran	EPA 8260	<43	ug/kg
Chloroform	EPA 8260	<9	ug/kg
1,1,1-Trichloroethane	EPA 8260	<9	ug/kg
1,1-Dichloropropene	EPA 8260	<9	ug/kg
Carbon Tetrachloride	EPA 8260	<9	ug/kg
1,2-Dichloroethane	EPA 8260	<9	ug/kg
Benzene	EPA 8260	<9	ug/kg
Trichloroethene	EPA 8260	<17	ug/kg
1,2-Dichloropropane	EPA 8260	<9	ug/kg
Dibromomethane	EPA 8260	<9	ug/kg
Bromodichloromethane	EPA 8260	<9	ug/kg
2-Nitropropane	EPA 8260	<43	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<9	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<9	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<43	ug/kg
Toluene	EPA 8260	110	ug/kg
1,2,3-Trichloropropane	EPA 8260	<9	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<9	ug/kg
1,1,2-Trichloroethane	EPA 8260	<9	ug/kg
1,3-Dichloropropane	EPA 8260	<9	ug/kg
Tetrachloroethene	EPA 8260	<9	ug/kg
2-Hexanone	EPA 8260	<43	ug/kg
1,2-Dibromoethane	EPA 8260	<9	ug/kg
Dibromochloromethane	EPA 8260	<9	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<26	ug/kg
Chlorobenzene	EPA 8260	<9	ug/kg
Ethylbenzene	EPA 8260	57	ug/kg
m,p-Xylene	EPA 8260	220	ug/kg
o-Xylene	EPA 8260	38	ug/kg
Styrene	EPA 8260	<9	ug/kg
Bromoform	EPA 8260	<9	ug/kg

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Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 17-1-(4)**Profile #:****Lab ID:** AA04956

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<9	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<26	ug/kg
Bromobenzene	EPA 8260	<9	ug/kg
n-propylbenzene	EPA 8260	<9	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	42	ug/kg
2-Chlorotoluene	EPA 8260	<9	ug/kg
4-Chlorotoluene	EPA 8260	<9	ug/kg
tert-Butylbenzene	EPA 8260	<9	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<9	ug/kg
sec-Butylbenzene	EPA 8260	<9	ug/kg
1,3-Dichlorobenzene	EPA 8260	<9	ug/kg
1,4-Dichlorobenzene	EPA 8260	<9	ug/kg
n-Butylbenzene	EPA 8260	<9	ug/kg
p-Isopropyltoluene	EPA 8260	<9	ug/kg
1,2-Dichlorobenzene	EPA 8260	<9	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<43	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<9	ug/kg
Hexachlorobutadiene	EPA 8260	<9	ug/kg
Naphthalene	EPA 8260	<43	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<9	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	140	%
Toluene-D8	EPA 8260	65	%
4-Bromofluorobenzene	EPA 8260	73	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Generator: UMATILLA ARMY
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Client ID: 17-1-(4)

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Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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Work Order No.:
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Client ID: 17-1-(4)

Profile #:

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Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	28	%
Phenol-d5	EPA 8270	54	%
Nitrobenzene-d5	EPA 8270	65	%
2-Fluorobiphenyl	EPA 8270	67	%
2,4,6-Tribromophenol	EPA 8270	70	%
Terphenyl-d14	EPA 8270	70	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Profile #:
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Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 17-2-BWK

Profile #:

Lab ID: AA04957

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.466	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	52.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	<10	ug/kg
m-Cresol	EPA 8015	<10	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	99	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<50	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<50	ug/kg
Acetone	EPA 8260	<50	ug/kg
Carbon Disulfide	EPA 8260	<10	ug/kg
Methylene Chloride	EPA 8260	<50	ug/kg
2-Butanone (MEK)	EPA 8260	<50	ug/kg
1,1,1-Trichloroethane	EPA 8260	<10	ug/kg
Carbon Tetrachloride	EPA 8260	<10	ug/kg
Benzene	EPA 8260	<10	ug/kg
Trichloroethene	EPA 8260	<20	ug/kg
2-Nitropropane	EPA 8260	<50	ug/kg

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Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<50	ug/kg
Toluene	EPA 8260	<20	ug/kg
1,1,2-Trichloroethane	EPA 8260	<10	ug/kg
Tetrachloroethene	EPA 8260	<10	ug/kg
Chlorobenzene	EPA 8260	<10	ug/kg
Ethylbenzene	EPA 8260	<10	ug/kg
m,p-Xylene	EPA 8260	<10	ug/kg
o-Xylene	EPA 8260	<10	ug/kg
1,3-Dichlorobenzene	EPA 8260	<10	ug/kg
1,4-Dichlorobenzene	EPA 8260	<10	ug/kg
1,2-Dichlorobenzene	EPA 8260	<10	ug/kg
EPA 8260 Soil VOA/Volatiles			
Dichlorodifluoromethane	EPA 8260	<10	ug/kg
Chloromethane	EPA 8260	<10	ug/kg
Vinyl chloride	EPA 8260	<10	ug/kg
Bromomethane	EPA 8260	<10	ug/kg
Chloroethane	EPA 8260	<10	ug/kg
Trichlorofluoromethane	EPA 8260	<10	ug/kg
1,1-DichloroTrifluoroethane	EPA 8260	<50	ug/kg
1,1-Dichloroethene	EPA 8260	<10	ug/kg
Ethyl Ether	EPA 8260	<50	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<50	ug/kg
Acetone	EPA 8260	<50	ug/kg
Carbon Disulfide	EPA 8260	<10	ug/kg
2-Methylpentane	EPA 8260	<50	ug/kg
Methylene Chloride	EPA 8260	<50	ug/kg
3-Methylpentane	EPA 8260	<50	ug/kg
Acrylonitrile	EPA 8260	<50	ug/kg
trans-1,2-Dichloroethene	EPA 8260	<10	ug/kg
1,1-Dichloroethane	EPA 8260	<10	ug/kg
Vinyl Acetate	EPA 8260	<10	ug/kg
Methylcyclopentane	EPA 8260	<10	ug/kg
Acrolien	EPA 8260	<200	ug/kg
2,2-Dichloropropane	EPA 8260	<10	ug/kg

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Client ID: 17-2-BWK

Profile #:

Lab ID: AA04957

Analyte	Method	Result	Units
cis-1,2-Dichloroethene	EPA 8260	<10	ug/kg
2-Butanone (MEK)	EPA 8260	<50	ug/kg
Bromochloromethane	EPA 8260	<10	ug/kg
Tetrahydrofuran	EPA 8260	<50	ug/kg
Chloroform	EPA 8260	<10	ug/kg
1,1,1-Trichloroethane	EPA 8260	<10	ug/kg
1,1-Dichloropropene	EPA 8260	<10	ug/kg
Carbon Tetrachloride	EPA 8260	<10	ug/kg
1,2-Dichloroethane	EPA 8260	<10	ug/kg
Benzene	EPA 8260	<10	ug/kg
Trichloroethene	EPA 8260	<20	ug/kg
1,2-Dichloropropane	EPA 8260	<10	ug/kg
Dibromomethane	EPA 8260	<10	ug/kg
Bromodichloromethane	EPA 8260	<10	ug/kg
2-Nitropropane	EPA 8260	<50	ug/kg
2-Chlorethyl vinyl ether	EPA 8260	<10	ug/kg
cis-1,3-Dichloropropene	EPA 8260	<10	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<50	ug/kg
Toluene	EPA 8260	<20	ug/kg
1,2,3-Trichloropropane	EPA 8260	<10	ug/kg
Trans-1,3-Dichloropropene	EPA 8260	<10	ug/kg
1,1,2-Trichloroethane	EPA 8260	<10	ug/kg
1,3-Dichloropropane	EPA 8260	<10	ug/kg
Tetrachloroethene	EPA 8260	<10	ug/kg
2-Hexanone	EPA 8260	<50	ug/kg
1,2-Dibromoethane	EPA 8260	<10	ug/kg
Dibromochloromethane	EPA 8260	<10	ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	<30	ug/kg
Chlorobenzene	EPA 8260	<10	ug/kg
Ethylbenzene	EPA 8260	<10	ug/kg
m,p-Xylene	EPA 8260	<10	ug/kg
o-Xylene	EPA 8260	<10	ug/kg
Styrene	EPA 8260	<10	ug/kg
Bromoform	EPA 8260	<10	ug/kg

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Project No: 96W011

Work Order No.:
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Client ID: 17-2-BWK

Profile #:
Lab ID: AA04957

Analyte	Method	Result	Units
Isopropylbenzene	EPA 8260	<10	ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	<30	ug/kg
Bromobenzene	EPA 8260	<10	ug/kg
n-propylbenzene	EPA 8260	<10	ug/kg
1,3,5-Trimethylbenzene	EPA 8260	<10	ug/kg
2-Chlorotoluene	EPA 8260	<10	ug/kg
4-Chlorotoluene	EPA 8260	<10	ug/kg
tert-Butylbenzene	EPA 8260	<10	ug/kg
1,2,4-Trimethylbenzene	EPA 8260	<10	ug/kg
sec-Butylbenzene	EPA 8260	<10	ug/kg
1,3-Dichlorobenzene	EPA 8260	<10	ug/kg
1,4-Dichlorobenzene	EPA 8260	<10	ug/kg
n-Butylbenzene	EPA 8260	<10	ug/kg
p-Isopropyltoluene	EPA 8260	<10	ug/kg
1,2-Dichlorobenzene	EPA 8260	<10	ug/kg
1,2-Dibromo-3-chloropropane	EPA 8260	<50	ug/kg
1,2,4-Trichlorobenzene	EPA 8260	<10	ug/kg
Hexachlorobutadiene	EPA 8260	<10	ug/kg
Naphthalene	EPA 8260	<50	ug/kg
1,2,3-Trichlorobenzene	EPA 8260	<10	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	100	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	98	%
EPA 8270 Solid			
N-Nitrosodimethylamine	EPA 8270	<167	ug/kg
Aniline	EPA 8270	<167	ug/kg
bis(2-Chloroethyl)ether	EPA 8270	<33	ug/kg
Phenol	EPA 8270	<33	ug/kg
2-Chlorophenol	EPA 8270	<33	ug/kg
1,3-Dichlorobenzene	EPA 8270	<33	ug/kg
1,4-Dichlorobenzene	EPA 8270	<33	ug/kg
1,2-Dichlorobenzene	EPA 8270	<33	ug/kg
Benzyl alcohol	EPA 8270	<67	ug/kg
bis(2-chloroisopropyl)ether	EPA 8270	<33	ug/kg

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Profile #:

Lab ID: AA04957

Analyte	Method	Result	Units
2-Methylphenol	EPA 8270	<33	ug/kg
Acetophenone	EPA 8270	<167	ug/kg
Hexachloroethane	EPA 8270	<33	ug/kg
N-Nitroso-di-n-propylamine	EPA 8270	<33	ug/kg
4-Methylphenol	EPA 8270	<33	ug/kg
Nitrobenzene	EPA 8270	<33	ug/kg
Isophorone	EPA 8270	<33	ug/kg
2-Nitrophenol	EPA 8270	<33	ug/kg
2,4-Dimethylphenol	EPA 8270	<33	ug/kg
bis(2-Chloroethoxy)methane	EPA 8270	<33	ug/kg
2,4-Dichlorophenol	EPA 8270	<33	ug/kg
1,2,4-Trichlorobenzene	EPA 8270	<33	ug/kg
Naphthalene	EPA 8270	<33	ug/kg
4-Chloroaniline	EPA 8270	<67	ug/kg
Hexachlorobutadiene	EPA 8270	<33	ug/kg
Benzoic Acid	EPA 8270	<167	ug/kg
4-Chloro-3-methylphenol	EPA 8270	<67	ug/kg
2-Methylnaphthalene	EPA 8270	<33	ug/kg
Hexachlorocyclopentadiene	EPA 8270	<33	ug/kg
2,4,6-Trichlorophenol	EPA 8270	<33	ug/kg
2,4,5-Trichlorophenol	EPA 8270	<33	ug/kg
2-Chloronaphthalene	EPA 8270	<33	ug/kg
2-Nitroaniline	EPA 8270	<67	ug/kg
Acenaphthylene	EPA 8270	<33	ug/kg
Dimethylphthalate	EPA 8270	<33	ug/kg
2,6-Dinitrotoluene	EPA 8270	<33	ug/kg
Acenaphthene	EPA 8270	<33	ug/kg
3-Nitroaniline	EPA 8270	<167	ug/kg
2,4-Dinitrophenol	EPA 8270	<167	ug/kg
Dibenzofuran	EPA 8270	<167	ug/kg
2,4-Dinitrotoluene	EPA 8270	<33	ug/kg
4-Nitrophenol	EPA 8270	<33	ug/kg
Fluorene	EPA 8270	<33	ug/kg
4-Chlorophenyl-phenylether	EPA 8270	<33	ug/kg

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 17-2-BWK

Profile #:
Lab ID: AA04957

Analyte	Method	Result	Units
Diethylphthalate	EPA 8270	<33	ug/kg
4-Nitroaniline	EPA 8270	<167	ug/kg
4,6-Dinitro-2-methylphenol	EPA 8270	<167	ug/kg
n-Nitrosodiphenylamine	EPA 8270	<33	ug/kg
Azobenzene	EPA 8270	<33	ug/kg
4-Bromophenyl-phenylether	EPA 8270	<33	ug/kg
Hexachlorobenzene	EPA 8270	<33	ug/kg
Pentachlorophenol	EPA 8270	<167	ug/kg
Phenanthrene	EPA 8270	<33	ug/kg
Anthracene	EPA 8270	<33	ug/kg
Di-n-butylphthalate	EPA 8270	<33	ug/kg
Fluoranthene	EPA 8270	<33	ug/kg
Benzidine	EPA 8270	<33	ug/kg
Pyrene	EPA 8270	<33	ug/kg
Butylbenzylphthalate	EPA 8270	<33	ug/kg
3,3'-Dichlorobenzidine	EPA 8270	<33	ug/kg
Benzo[a]anthracene	EPA 8270	<67	ug/kg
Chrysene	EPA 8270	<33	ug/kg
bis(2-Ethylhexyl)phthalate	EPA 8270	<167	ug/kg
Di-n-octylphthalate	EPA 8270	<33	ug/kg
Benzo[b]fluoranthene	EPA 8270	<33	ug/kg
Benzo[k]fluoranthene	EPA 8270	<33	ug/kg
Benzo[a]pyrene	EPA 8270	<33	ug/kg
Indeno[1,2,3-cd]pyrene	EPA 8270	<33	ug/kg
Dibenz[a,h]anthracene	EPA 8270	<33	ug/kg
Benzo[g,h,i]perylene	EPA 8270	<33	ug/kg
EPA 8270/625 Surrogate			
2-Fluorophenol	EPA 8270	65	%
Phenol-d5	EPA 8270	54	%
Nitrobenzene-d5	EPA 8270	61	%
2-Fluorobiphenyl	EPA 8270	42	%
2,4,6-Tribromophenol	EPA 8270	50	%
Terphenyl-d14	EPA 8270	68	%
BENZENE			
71-43-2 Benzene	EPA 8260	<1	ug/L

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Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 17-2-BWK

Profile #:
Lab ID: AA04957

Analyte	Method	Result	Units
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-1-(1)

Profile #:
Lab ID: AA04960

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.650	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	40.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	110	%
Ortho-terphenyl	WTPH-D	133	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-2-(1)

Profile #:

Lab ID: AA04961

Analyte	Method	Result	Units
Silver	EPA 6010	<0.0114	mg/L
Arsenic	EPA 6010	<0.114	mg/L
Barium	EPA 6010	0.325	mg/L
Cadmium	EPA 6010	<0.0057	mg/L
Chromium	EPA 6010	<0.0114	mg/L
Mercury	EPA 6010	<0.057	mg/L
Lead	EPA 6010	<0.114	mg/L
Selenium	EPA 6010	<0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	27.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	103	%
Ortho-terphenyl	WTPH-D	128	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-3-(1)

Profile #:
Lab ID: AA04962

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.489	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	47.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	118	%
Ortho-terphenyl	WTPH-D	144	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-4-(1)

Profile #:

Lab ID: AA04963

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.317	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	20.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	113	%
Ortho-terphenyl	WTPH-D	136	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-5-(1)**Profile #:****Lab ID: AA04964**

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.409	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	23.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	116	%
Ortho-terphenyl	WTPH-D	142	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-6-(1)

Profile #:

Lab ID: AA04965

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.450	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	23.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	127	%
Ortho-terphenyl	WTPH-D	157	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-7-(1)

Profile #:
Lab ID: AA04966

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.451	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	25.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	132	%
Ortho-terphenyl	WTPH-D	145	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-8-(1)

Profile #:

Lab ID: AA04967

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	116	%
Ortho-terphenyl	WTPH-D	149	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-9-(1)

Profile #:
Lab ID: AA04968

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.497	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	36.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	126	%
Ortho-terphenyl	WTPH-D	148	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-10-(1)

Profile #:

Lab ID: AA04969

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.596	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	26.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	120	%
Ortho-terphenyl	WTPH-D	137	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-11-(1)

Profile #:

Lab ID: AA04970

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.285	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	0.0121	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	22.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	127	%
Ortho-terphenyl	WTPH-D	151	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 18-12-(1)

Profile #:

Lab ID: AA04971

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.231	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	32.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	120	%
Ortho-terphenyl	WTPH-D	137	%

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 18-13-(1)

Profile #:

Lab ID: AA04972

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.506	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	21.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	117	%
Ortho-terphenyl	WTPH-D	138	%

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: 18-14-(1)

Profile #:

Lab ID: AA04973

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.439	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	40.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	129	%
Ortho-terphenyl	WTPH-D	159	%

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-1

Profile #:

Lab ID: AA04974

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.833	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	70.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<250	ug/kg
Methanol	EPA 8015	<250	ug/kg
Isobutyl Alcohol	EPA 8015	<25	ug/kg
N-Butyl Alcohol	EPA 8015	<125	ug/kg
Pyridine	EPA 8015	<25	ug/kg
2-Ethoxyethanol	EPA 8015	<25	ug/kg
Cyclohexanone	EPA 8015	<25	ug/kg
Nitrobenzene	EPA 8015	<25	ug/kg
o-Cresol	EPA 8015	<25	ug/kg
p-Cresol	EPA 8015	<25	ug/kg
m-Cresol	EPA 8015	<25	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	87	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<81	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<81	ug/kg
Acetone	EPA 8260	<81	ug/kg
Carbon Disulfide	EPA 8260	<16	ug/kg
Methylene Chloride	EPA 8260	<81	ug/kg
2-Butanone (MEK)	EPA 8260	<81	ug/kg
1,1,1-Trichloroethane	EPA 8260	<16	ug/kg
Carbon Tetrachloride	EPA 8260	<16	ug/kg
Benzene	EPA 8260	<16	ug/kg
Trichloroethene	EPA 8260	<32	ug/kg
2-Nitropropane	EPA 8260	<81	ug/kg

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-1

Profile #:

Lab ID: AA04974

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<81	ug/kg
Toluene	EPA 8260	<32	ug/kg
1,1,2-Trichloroethane	EPA 8260	<16	ug/kg
Tetrachloroethene	EPA 8260	<16	ug/kg
Chlorobenzene	EPA 8260	<16	ug/kg
Ethylbenzene	EPA 8260	<16	ug/kg
m,p-Xylene	EPA 8260	21	ug/kg
o-Xylene	EPA 8260	<16	ug/kg
1,3-Dichlorobenzene	EPA 8260	<16	ug/kg
1,4-Dichlorobenzene	EPA 8260	<16	ug/kg
1,2-Dichlorobenzene	EPA 8260	<16	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	60	%
4-Bromofluorobenzene	EPA 8260	63	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<200	mg/kg
Diesel	WTPH-HCID	<500	mg/kg
Motor Oil	WTPH-HCID	65000	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.23	mg/kg
Aroclor-1221	EPA 8080	< 0.23	mg/kg
Aroclor-1232	EPA 8080	< 0.23	mg/kg
Aroclor-1242	EPA 8080	< 0.23	mg/kg
Aroclor-1248	EPA 8080	< 0.23	mg/kg
Aroclor-1254	EPA 8080	< 0.23	mg/kg
Aroclor-1260	EPA 8080	< 0.23	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	74	%
DCB	EPA 8080	80	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	129	%
Ortho-terphenyl	WTPH-D	136	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-2**Profile #:****Lab ID: AA04975**

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	1.11	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	27.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	110	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	24	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-2

Profile #:

Lab ID: AA04975

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	1.8	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	2.1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	94	%
4-Bromofluorobenzene	EPA 8260	95	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.19	mg/kg
Aroclor-1221	EPA 8080	< 0.19	mg/kg
Aroclor-1232	EPA 8080	< 0.19	mg/kg
Aroclor-1242	EPA 8080	< 0.19	mg/kg
Aroclor-1248	EPA 8080	< 0.19	mg/kg
Aroclor-1254	EPA 8080	< 0.19	mg/kg
Aroclor-1260	EPA 8080	< 0.19	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	82	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	118	%
Ortho-terphenyl	WTPH-D	150	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-3

Profile #:

Lab ID: AA04976

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.536	mg/L
Cadmium	EPA 6010	0.0355	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	97.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	62	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<43	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<43	ug/kg
Acetone	EPA 8260	<43	ug/kg
Carbon Disulfide	EPA 8260	<9	ug/kg
Methylene Chloride	EPA 8260	<43	ug/kg
2-Butanone (MEK)	EPA 8260	<43	ug/kg
1,1,1-Trichloroethane	EPA 8260	<9	ug/kg
Carbon Tetrachloride	EPA 8260	<9	ug/kg
Benzene	EPA 8260	<9	ug/kg
Trichloroethene	EPA 8260	<17	ug/kg
2-Nitropropane	EPA 8260	<43	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-3

Profile #:

Lab ID: AA04976

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<43	ug/kg
Toluene	EPA 8260	<17	ug/kg
1,1,2-Trichloroethane	EPA 8260	<9	ug/kg
Tetrachloroethene	EPA 8260	8.8	ug/kg
Chlorobenzene	EPA 8260	<9	ug/kg
Ethylbenzene	EPA 8260	<9	ug/kg
m,p-Xylene	EPA 8260	<9	ug/kg
o-Xylene	EPA 8260	<9	ug/kg
1,3-Dichlorobenzene	EPA 8260	<9	ug/kg
1,4-Dichlorobenzene	EPA 8260	<9	ug/kg
1,2-Dichlorobenzene	EPA 8260	<9	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	85	%
4-Bromofluorobenzene	EPA 8260	72	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.22	mg/kg
Aroclor-1221	EPA 8080	< 0.22	mg/kg
Aroclor-1232	EPA 8080	< 0.22	mg/kg
Aroclor-1242	EPA 8080	< 0.22	mg/kg
Aroclor-1248	EPA 8080	< 0.22	mg/kg
Aroclor-1254	EPA 8080	< 0.22	mg/kg
Aroclor-1260	EPA 8080	< 0.22	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	84	%
DCB	EPA 8080	81	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	113	%
Ortho-terphenyl	WTPH-D	141	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-4

Profile #:

Lab ID: AA04977

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.492	mg/L
Cadmium	EPA 6010	0.0401	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	71.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	15	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	81	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<29	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<29	ug/kg
Acetone	EPA 8260	3600	ug/kg
Carbon Disulfide	EPA 8260	<6	ug/kg
Methylene Chloride	EPA 8260	<29	ug/kg
2-Butanone (MEK)	EPA 8260	<29	ug/kg
1,1,1-Trichloroethane	EPA 8260	<6	ug/kg
Carbon Tetrachloride	EPA 8260	<6	ug/kg
Benzene	EPA 8260	<6	ug/kg
Trichloroethene	EPA 8260	<12	ug/kg
2-Nitropropane	EPA 8260	<29	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-4

Profile #:

Lab ID: AA04977

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<29	ug/kg
Toluene	EPA 8260	<12	ug/kg
1,1,2-Trichloroethane	EPA 8260	<6	ug/kg
Tetrachloroethene	EPA 8260	<6	ug/kg
Chlorobenzene	EPA 8260	<6	ug/kg
Ethylbenzene	EPA 8260	8.3	ug/kg
m,p-Xylene	EPA 8260	12	ug/kg
o-Xylene	EPA 8260	<6	ug/kg
1,3-Dichlorobenzene	EPA 8260	35	ug/kg
1,4-Dichlorobenzene	EPA 8260	34	ug/kg
1,2-Dichlorobenzene	EPA 8260	<6	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	52	%
4-Bromofluorobenzene	EPA 8260	62	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	440000	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.19	mg/kg
Aroclor-1221	EPA 8080	< 0.19	mg/kg
Aroclor-1232	EPA 8080	< 0.19	mg/kg
Aroclor-1242	EPA 8080	< 0.19	mg/kg
Aroclor-1248	EPA 8080	< 0.19	mg/kg
Aroclor-1254	EPA 8080	< 0.19	mg/kg
Aroclor-1260	EPA 8080	< 0.19	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	73	%
DCB	EPA 8080	71	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	151	%
Ortho-terphenyl	WTPH-D	Interference	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-5

Profile #:

Lab ID: AA04978

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.808	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	58.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	54	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	3800	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-5

Profile #:

Lab ID: AA04978

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	90	%
4-Bromofluorobenzene	EPA 8260	81	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	11000	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.20	mg/kg
Aroclor-1221	EPA 8080	< 0.20	mg/kg
Aroclor-1232	EPA 8080	< 0.20	mg/kg
Aroclor-1242	EPA 8080	6.4	mg/kg
Aroclor-1248	EPA 8080	< 0.20	mg/kg
Aroclor-1254	EPA 8080	< 0.20	mg/kg
Aroclor-1260	EPA 8080	< 0.20	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	75	%
DCB	EPA 8080	86	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	117	%
Ortho-terphenyl	WTPH-D	Interference	%
TX by Dohrmann	9076	<500	ppm

PHILIP

ENVIRONMENTALBY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-6

Profile #:

Lab ID: AA04979

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.852	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	86	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<10	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<10	ug/kg
Acetone	EPA 8260	<10	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<10	ug/kg
2-Butanone (MEK)	EPA 8260	<10	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<10	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-6

Profile #:

Lab ID: AA04979

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<10	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	1200	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.24	mg/kg
Aroclor-1221	EPA 8080	< 0.24	mg/kg
Aroclor-1232	EPA 8080	< 0.24	mg/kg
Aroclor-1242	EPA 8080	< 0.24	mg/kg
Aroclor-1248	EPA 8080	< 0.24	mg/kg
Aroclor-1254	EPA 8080	< 0.24	mg/kg
Aroclor-1260	EPA 8080	< 0.24	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	370	%
DCB	EPA 8080	77	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	129	%
Ortho-terphenyl	WTPH-D	161	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-7

Profile #:

Lab ID: AA04980

Analyte	Method	Result	Units
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	72	%
8260 F-LISTED SOLVENTS LIQUID			
Trichlorofluoromethane	EPA 8260	<25	ug/L
Ethyl Ether	EPA 8260	<125	ug/L
1,1,2-Trichlorotrifluoroethane	EPA 8260	<125	ug/L
Acetone	EPA 8260	<125	ug/L
Carbon Disulfide	EPA 8260	<25	ug/L
Methylene Chloride	EPA 8260	<125	ug/L
2-Butanone (MEK)	EPA 8260	<125	ug/L
1,1,1-Trichloroethane	EPA 8260	<25	ug/L
Carbon Tetrachloride	EPA 8260	<25	ug/L
Benzene	EPA 8260	<25	ug/L
Trichloroethene	EPA 8260	<50	ug/L
2-Nitropropane	EPA 8260	<125	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<125	ug/L
Toluene	EPA 8260	<50	ug/L
1,1,2-Trichloroethane	EPA 8260	<25	ug/L
Tetrachloroethene	EPA 8260	<25	ug/L
Chlorobenzene	EPA 8260	<25	ug/L
Ethylbenzene	EPA 8260	<25	ug/L
m,p-Xylene	EPA 8260	<25	ug/L
o-Xylene	EPA 8260	<25	ug/L
1,2-Dichlorobenzene	EPA 8260	<25	ug/L
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Water			
Gasoline	WTPH-HCID	<20	mg/L
Diesel	WTPH-HCID	<50	mg/L
Motor Oil	WTPH-HCID	2300	mg/L
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%

Client ID: UNK-7

Profile #:

Lab ID: AA04980

Analyte	Method	Result	Units
DCB	EPA 8080	83	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	117	%
Ortho-terphenyl	WTPH-D	138	%
TX by Dohrmann	9076	<500	ppm

Data Reviewed By: 

Data Reported By: 

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-8

Profile #:

Lab ID: AA04981

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.440	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	61.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	75	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-8

Profile #:

Lab ID: AA04981

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	80	%
DCB	EPA 8080	78	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	131	%
Ortho-terphenyl	WTPH-D	148	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-9

Profile #:

Lab ID: AA04982

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.269	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	71.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<250	ug/kg
Methanol	EPA 8015	<250	ug/kg
Isobutyl Alcohol	EPA 8015	<25	ug/kg
N-Butyl Alcohol	EPA 8015	<125	ug/kg
Pyridine	EPA 8015	<25	ug/kg
2-Ethoxyethanol	EPA 8015	<25	ug/kg
Cyclohexanone	EPA 8015	<25	ug/kg
Nitrobenzene	EPA 8015	<25	ug/kg
o-Cresol	EPA 8015	<25	ug/kg
p-Cresol	EPA 8015	<25	ug/kg
m-Cresol	EPA 8015	<25	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	79	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<48	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<48	ug/kg
Acetone	EPA 8260	460	ug/kg
Carbon Disulfide	EPA 8260	<10	ug/kg
Methylene Chloride	EPA 8260	<48	ug/kg
2-Butanone (MEK)	EPA 8260	<48	ug/kg
1,1,1-Trichloroethane	EPA 8260	<10	ug/kg
Carbon Tetrachloride	EPA 8260	<10	ug/kg
Benzene	EPA 8260	<10	ug/kg
Trichloroethene	EPA 8260	<19	ug/kg
2-Nitropropane	EPA 8260	<48	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-9

Profile #:

Lab ID: AA04982

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<48	ug/kg
Toluene	EPA 8260	<19	ug/kg
1,1,2-Trichloroethane	EPA 8260	<10	ug/kg
Tetrachloroethene	EPA 8260	<10	ug/kg
Chlorobenzene	EPA 8260	<10	ug/kg
Ethylbenzene	EPA 8260	22	ug/kg
m,p-Xylene	EPA 8260	42	ug/kg
o-Xylene	EPA 8260	16	ug/kg
1,3-Dichlorobenzene	EPA 8260	<10	ug/kg
1,4-Dichlorobenzene	EPA 8260	<10	ug/kg
1,2-Dichlorobenzene	EPA 8260	<10	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	60	%
4-Bromofluorobenzene	EPA 8260	54	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<100	mg/kg
Diesel	WTPH-HCID	<250	mg/kg
Motor Oil	WTPH-HCID	<500	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.19	mg/kg
Aroclor-1221	EPA 8080	< 0.19	mg/kg
Aroclor-1232	EPA 8080	< 0.19	mg/kg
Aroclor-1242	EPA 8080	< 0.19	mg/kg
Aroclor-1248	EPA 8080	< 0.19	mg/kg
Aroclor-1254	EPA 8080	< 0.19	mg/kg
Aroclor-1260	EPA 8080	< 0.19	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	86	%
DCB	EPA 8080	81	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	135	%
Ortho-terphenyl	WTPH-D	166	%
TX by Dohrmann	9076	2,527.2	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-10

Profile #:
Lab ID: AA04983

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.637	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	52.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	78	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	90	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-10

Profile #:

Lab ID: AA04983

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	98	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	82	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	128	%
Ortho-terphenyl	WTPH-D	158	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-11

Profile #:

Lab ID: AA04984

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.238	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	7.1	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	68	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<2500	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<2500	ug/kg
Acetone	EPA 8260	<2500	ug/kg
Carbon Disulfide	EPA 8260	1900	ug/kg
Methylene Chloride	EPA 8260	<2500	ug/kg
2-Butanone (MEK)	EPA 8260	<2500	ug/kg
1,1,1-Trichloroethane	EPA 8260	<500	ug/kg
Carbon Tetrachloride	EPA 8260	<500	ug/kg
Benzene	EPA 8260	<500	ug/kg
Trichloroethene	EPA 8260	<1000	ug/kg
2-Nitropropane	EPA 8260	<2500	ug/kg

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ENVIRONMENTAL

BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-11

Profile #:

Lab ID: AA04984

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<2500	ug/kg
Toluene	EPA 8260	<1000	ug/kg
1,1,2-Trichloroethane	EPA 8260	<500	ug/kg
Tetrachloroethene	EPA 8260	<500	ug/kg
Chlorobenzene	EPA 8260	<500	ug/kg
Ethylbenzene	EPA 8260	<500	ug/kg
m,p-Xylene	EPA 8260	<500	ug/kg
o-Xylene	EPA 8260	<500	ug/kg
1,3-Dichlorobenzene	EPA 8260	<500	ug/kg
1,4-Dichlorobenzene	EPA 8260	<500	ug/kg
1,2-Dichlorobenzene	EPA 8260	<500	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	4600	mg/kg
Motor Oil	WTPH-HCID	32000	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.23	mg/kg
Aroclor-1221	EPA 8080	< 0.23	mg/kg
Aroclor-1232	EPA 8080	< 0.23	mg/kg
Aroclor-1242	EPA 8080	< 0.23	mg/kg
Aroclor-1248	EPA 8080	< 0.23	mg/kg
Aroclor-1254	EPA 8080	< 0.23	mg/kg
Aroclor-1260	EPA 8080	< 0.23	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	71	%
DCB	EPA 8080	71	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	123	%
Ortho-terphenyl	WTPH-D	Interference	%
TX by Dohrmann	9076	9,203.1	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-12**Profile #:****Lab ID: AA04985**

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.244	mg/L
Cadmium	EPA 6010	0.0274	mg/L
Chromium	EPA 6010	0.0131	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	96.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<100	ug/kg
Methanol	EPA 8015	<100	ug/kg
Isobutyl Alcohol	EPA 8015	<10	ug/kg
N-Butyl Alcohol	EPA 8015	<50	ug/kg
Pyridine	EPA 8015	<10	ug/kg
2-Ethoxyethanol	EPA 8015	<10	ug/kg
Cyclohexanone	EPA 8015	<10	ug/kg
Nitrobenzene	EPA 8015	<10	ug/kg
o-Cresol	EPA 8015	<10	ug/kg
p-Cresol	EPA 8015	18	ug/kg
m-Cresol	EPA 8015	11	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	83	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<26	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<26	ug/kg
Acetone	EPA 8260	<26	ug/kg
Carbon Disulfide	EPA 8260	64	ug/kg
Methylene Chloride	EPA 8260	<26	ug/kg
2-Butanone (MEK)	EPA 8260	<26	ug/kg
1,1,1-Trichloroethane	EPA 8260	<5	ug/kg
Carbon Tetrachloride	EPA 8260	<5	ug/kg
Benzene	EPA 8260	<5	ug/kg
Trichloroethene	EPA 8260	<10	ug/kg
2-Nitropropane	EPA 8260	<26	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-12

Profile #:

Lab ID: AA04985

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<26	ug/kg
Toluene	EPA 8260	<10	ug/kg
1,1,2-Trichloroethane	EPA 8260	<5	ug/kg
Tetrachloroethene	EPA 8260	<5	ug/kg
Chlorobenzene	EPA 8260	<5	ug/kg
Ethylbenzene	EPA 8260	<5	ug/kg
m,p-Xylene	EPA 8260	<5	ug/kg
o-Xylene	EPA 8260	<5	ug/kg
1,3-Dichlorobenzene	EPA 8260	<5	ug/kg
1,4-Dichlorobenzene	EPA 8260	<5	ug/kg
1,2-Dichlorobenzene	EPA 8260	<5	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	95	%
Toluene-D8	EPA 8260	98	%
4-Bromofluorobenzene	EPA 8260	82	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.22	mg/kg
Aroclor-1221	EPA 8080	< 0.22	mg/kg
Aroclor-1232	EPA 8080	< 0.22	mg/kg
Aroclor-1242	EPA 8080	< 0.22	mg/kg
Aroclor-1248	EPA 8080	< 0.22	mg/kg
Aroclor-1254	EPA 8080	< 0.22	mg/kg
Aroclor-1260	EPA 8080	< 0.22	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	84	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	122	%
Ortho-terphenyl	WTPH-D	Interference	%
TX by Dohrmann	9076	1,140.7	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-13

Profile #:
Lab ID: AA04986

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.519	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	78	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-13

Profile #:

Lab ID: AA04986

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	80	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	122	%
Ortho-terphenyl	WTPH-D	142	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-14

Profile #:

Lab ID: AA04987

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.747	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	80	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	38	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-14

Profile #:

Lab ID: AA04987

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.24	mg/kg
Aroclor-1221	EPA 8080	< 0.24	mg/kg
Aroclor-1232	EPA 8080	< 0.24	mg/kg
Aroclor-1242	EPA 8080	< 0.24	mg/kg
Aroclor-1248	EPA 8080	< 0.24	mg/kg
Aroclor-1254	EPA 8080	< 0.24	mg/kg
Aroclor-1260	EPA 8080	< 0.24	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	81	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	149	%
Ortho-terphenyl	WTPH-D	184	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-15

Profile #:

Lab ID: AA04988

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.359	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	100 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	80	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<11	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<11	ug/kg
Acetone	EPA 8260	<11	ug/kg
Carbon Disulfide	EPA 8260	<2	ug/kg
Methylene Chloride	EPA 8260	<11	ug/kg
2-Butanone (MEK)	EPA 8260	<11	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<11	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-15

Profile #:

Lab ID: AA04988

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<11	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.20	mg/kg
Aroclor-1221	EPA 8080	< 0.20	mg/kg
Aroclor-1232	EPA 8080	< 0.20	mg/kg
Aroclor-1242	EPA 8080	< 0.20	mg/kg
Aroclor-1248	EPA 8080	< 0.20	mg/kg
Aroclor-1254	EPA 8080	< 0.20	mg/kg
Aroclor-1260	EPA 8080	< 0.20	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	80	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	122	%
Ortho-terphenyl	WTPH-D	154	%
TX by Dohrmann	9076	<500	ppm

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WESTERN REGION

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-16

Profile #:
Lab ID: AA04989

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	61	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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ENVIRONMENTALBY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-16**Profile #:****Lab ID: AA04989**

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	96	%
Toluene-D8	EPA 8260	96	%
4-Bromofluorobenzene	EPA 8260	99	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.20	mg/kg
Aroclor-1221	EPA 8080	< 0.20	mg/kg
Aroclor-1232	EPA 8080	< 0.20	mg/kg
Aroclor-1242	EPA 8080	< 0.20	mg/kg
Aroclor-1248	EPA 8080	< 0.20	mg/kg
Aroclor-1254	EPA 8080	< 0.20	mg/kg
Aroclor-1260	EPA 8080	< 0.20	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	86	%
DCB	EPA 8080	82	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	87.2	%
Ortho-terphenyl	WTPH-D	89.7	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-17

Profile #:
Lab ID: AA04990

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	0.644	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	83	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg

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Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-17

Profile #:

Lab ID: AA04990

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.23	mg/kg
Aroclor-1221	EPA 8080	< 0.23	mg/kg
Aroclor-1232	EPA 8080	< 0.23	mg/kg
Aroclor-1242	EPA 8080	< 0.23	mg/kg
Aroclor-1248	EPA 8080	< 0.23	mg/kg
Aroclor-1254	EPA 8080	< 0.23	mg/kg
Aroclor-1260	EPA 8080	< 0.23	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	84	%
DCB	EPA 8080	78	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	135	%
Ortho-terphenyl	WTPH-D	183	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-18

Profile #:
Lab ID: AA04991

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	98	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-18

Profile #:

Lab ID: AA04991

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	99	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	80	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	119	%
Ortho-terphenyl	WTPH-D	155	%
TX by Dohrmann	9076	<500	ppm

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-19

Profile #:
Lab ID: AA04992

Analyte	Method	Result	Units
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg

Data Reviewed By: Sm

Data Reported By: Strickler

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WESTERN REGION

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-20

Profile #:

Lab ID: AA04993

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	38	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<4	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<4	ug/kg
Acetone	EPA 8260	<4	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<4	ug/kg
2-Butanone (MEK)	EPA 8260	<4	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<4	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<4	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-20

Profile #:
Lab ID: AA04993

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	98	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	79	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	109	%
Ortho-terphenyl	WTPH-D	127	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-21

Profile #:

Lab ID: AA04994

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.0114	mg/L
Arsenic	EPA 6010	< 0.114	mg/L
Barium	EPA 6010	7.50	mg/L
Cadmium	EPA 6010	< 0.0057	mg/L
Chromium	EPA 6010	< 0.0114	mg/L
Mercury	EPA 6010	< 0.057	mg/L
Lead	EPA 6010	< 0.114	mg/L
Selenium	EPA 6010	< 0.342	mg/L
TCLP (Extraction Procedure)	EPA 1311	50.0 g	
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	69	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<9	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<9	ug/kg
Acetone	EPA 8260	<9	ug/kg
Carbon Disulfide	EPA 8260	2.5	ug/kg
Methylene Chloride	EPA 8260	<9	ug/kg
2-Butanone (MEK)	EPA 8260	<9	ug/kg
1,1,1-Trichloroethane	EPA 8260	<2	ug/kg
Carbon Tetrachloride	EPA 8260	<2	ug/kg
Benzene	EPA 8260	<2	ug/kg
Trichloroethene	EPA 8260	<4	ug/kg
2-Nitropropane	EPA 8260	<9	ug/kg

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-21

Profile #:

Lab ID: AA04994

Analyte	Method	Result	Units
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<9	ug/kg
Toluene	EPA 8260	<4	ug/kg
1,1,2-Trichloroethane	EPA 8260	<2	ug/kg
Tetrachloroethene	EPA 8260	<2	ug/kg
Chlorobenzene	EPA 8260	<2	ug/kg
Ethylbenzene	EPA 8260	<2	ug/kg
m,p-Xylene	EPA 8260	<2	ug/kg
o-Xylene	EPA 8260	<2	ug/kg
1,3-Dichlorobenzene	EPA 8260	<2	ug/kg
1,4-Dichlorobenzene	EPA 8260	<2	ug/kg
1,2-Dichlorobenzene	EPA 8260	<2	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichloroethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	83	%
4-Bromofluorobenzene	EPA 8260	85	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.24	mg/kg
Aroclor-1221	EPA 8080	< 0.24	mg/kg
Aroclor-1232	EPA 8080	< 0.24	mg/kg
Aroclor-1242	EPA 8080	< 0.24	mg/kg
Aroclor-1248	EPA 8080	< 0.24	mg/kg
Aroclor-1254	EPA 8080	< 0.24	mg/kg
Aroclor-1260	EPA 8080	< 0.24	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	80	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	112	%
Ortho-terphenyl	WTPH-D	135	%
TX by Dohrmann	9076	<500	ppm

PHILIP

ENVIRONMENTAL

BY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
955 Powell Avenue S.W.
Renton, WA 98055-2908
TEL 206.227.6110
FAX 206.227.6196

To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-22

Profile #:
Lab ID: AA04995

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	58	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<5	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<5	ug/kg
Acetone	EPA 8260	<5	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<5	ug/kg
2-Butanone (MEK)	EPA 8260	<5	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<5	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<5	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-22

Profile #:

Lab ID: AA04995

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	110	%
Toluene-D8	EPA 8260	110	%
4-Bromofluorobenzene	EPA 8260	100	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.20	mg/kg
Aroclor-1221	EPA 8080	< 0.20	mg/kg
Aroclor-1232	EPA 8080	< 0.20	mg/kg
Aroclor-1242	EPA 8080	< 0.20	mg/kg
Aroclor-1248	EPA 8080	< 0.20	mg/kg
Aroclor-1254	EPA 8080	< 0.20	mg/kg
Aroclor-1260	EPA 8080	< 0.20	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	79	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	95.1	%
Ortho-terphenyl	WTPH-D	118	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-23

Profile #:

Lab ID: AA04996

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	76	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<6	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<6	ug/kg
Acetone	EPA 8260	<6	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<6	ug/kg
2-Butanone (MEK)	EPA 8260	<6	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<2	ug/kg
2-Nitropropane	EPA 8260	<6	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<6	ug/kg
Toluene	EPA 8260	<2	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-23

Profile #:

Lab ID: AA04996

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.23	mg/kg
Aroclor-1221	EPA 8080	< 0.23	mg/kg
Aroclor-1232	EPA 8080	< 0.23	mg/kg
Aroclor-1242	EPA 8080	< 0.23	mg/kg
Aroclor-1248	EPA 8080	< 0.23	mg/kg
Aroclor-1254	EPA 8080	< 0.23	mg/kg
Aroclor-1260	EPA 8080	< 0.23	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	81	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	135	%
Ortho-terphenyl	WTPH-D	164	%
TX by Dohrmann	9076	<500	ppm

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96	Generator: UMATILLA ARMY	Work Order No.:
Sample Collected: 06/19/96	Project Name: UMATILLA	P.O. No.:
Received Date: 06/19/96	Project No: 96W011	Job Number: 06191522

Client ID: UNK-24

Profile #:

Lab ID: AA04997

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	68	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-24

Profile #:
Lab ID: AA04997

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.22	mg/kg
Aroclor-1221	EPA 8080	< 0.22	mg/kg
Aroclor-1232	EPA 8080	< 0.22	mg/kg
Aroclor-1242	EPA 8080	< 0.22	mg/kg
Aroclor-1248	EPA 8080	< 0.22	mg/kg
Aroclor-1254	EPA 8080	< 0.22	mg/kg
Aroclor-1260	EPA 8080	< 0.22	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	81	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	125	%
Ortho-terphenyl	WTPH-D	145	%
TX by Dohrmann	9076	<500	ppm

Data Reviewed By: Sm

Data Reported By: Stodges

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ENVIRONMENTALBY-PRODUCT RECOVERY GROUP
WESTERN REGION

Philip Environmental Laboratory
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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-25

Profile #:

Lab ID: AA04998

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<50	ug/kg
Methanol	EPA 8015	<50	ug/kg
Isobutyl Alcohol	EPA 8015	<5	ug/kg
N-Butyl Alcohol	EPA 8015	<25	ug/kg
Pyridine	EPA 8015	<5	ug/kg
2-Ethoxyethanol	EPA 8015	<5	ug/kg
Cyclohexanone	EPA 8015	<5	ug/kg
Nitrobenzene	EPA 8015	<5	ug/kg
o-Cresol	EPA 8015	<5	ug/kg
p-Cresol	EPA 8015	<5	ug/kg
m-Cresol	EPA 8015	<5	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	85	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<6	ug/kg
1,1,2-Trichlorotrifluorethane	EPA 8260	<6	ug/kg
Acetone	EPA 8260	<6	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<6	ug/kg
2-Butanone (MEK)	EPA 8260	<6	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<6	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<6	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	<1	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-25

Profile #:

Lab ID: AA04998

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.21	mg/kg
Aroclor-1221	EPA 8080	< 0.21	mg/kg
Aroclor-1232	EPA 8080	< 0.21	mg/kg
Aroclor-1242	EPA 8080	< 0.21	mg/kg
Aroclor-1248	EPA 8080	< 0.21	mg/kg
Aroclor-1254	EPA 8080	< 0.21	mg/kg
Aroclor-1260	EPA 8080	< 0.21	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	140	%
DCB	EPA 8080	79	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	138	%
Ortho-terphenyl	WTPH-D	165	%
TX by Dohrmann	9076	<500	ppm

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BY-PRODUCT RECOVERY GROUP
WESTERN REGION

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-26

Profile #:

Lab ID: AA04999

Analyte	Method	Result	Units
8015 F-Listed Solvents in Solids			
Ethyl Acetate	EPA 8015	<10	ug/kg
Methanol	EPA 8015	<10	ug/kg
Isobutyl Alcohol	EPA 8015	<1	ug/kg
N-Butyl Alcohol	EPA 8015	<5	ug/kg
Pyridine	EPA 8015	<1	ug/kg
2-Ethoxyethanol	EPA 8015	<1	ug/kg
Cyclohexanone	EPA 8015	<1	ug/kg
Nitrobenzene	EPA 8015	<1	ug/kg
o-Cresol	EPA 8015	<1	ug/kg
p-Cresol	EPA 8015	<1	ug/kg
m-Cresol	EPA 8015	<1	ug/kg
8015 F-Listed Solvents Surrogate			
Bromobenzene	EPA 8015	80	%
8260 F-LISTED SOLVENTS IN SOLIDS			
Ethyl Ether	EPA 8260	<7	ug/kg
1,1,2-Trichlorotrifluoroethane	EPA 8260	<7	ug/kg
Acetone	EPA 8260	<7	ug/kg
Carbon Disulfide	EPA 8260	<1	ug/kg
Methylene Chloride	EPA 8260	<7	ug/kg
2-Butanone (MEK)	EPA 8260	<7	ug/kg
1,1,1-Trichloroethane	EPA 8260	<1	ug/kg
Carbon Tetrachloride	EPA 8260	<1	ug/kg
Benzene	EPA 8260	<1	ug/kg
Trichloroethene	EPA 8260	<3	ug/kg
2-Nitropropane	EPA 8260	<7	ug/kg
4-Methyl-2-Pentanone (MIBK)	EPA 8260	<7	ug/kg
Toluene	EPA 8260	<3	ug/kg
1,1,2-Trichloroethane	EPA 8260	<1	ug/kg
Tetrachloroethene	EPA 8260	<1	ug/kg
Chlorobenzene	EPA 8260	<1	ug/kg
Ethylbenzene	EPA 8260	<1	ug/kg
m,p-Xylene	EPA 8260	2.7	ug/kg
o-Xylene	EPA 8260	<1	ug/kg
1,3-Dichlorobenzene	EPA 8260	<1	ug/kg

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Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: UNK-26

Profile #:

Lab ID: AA04999

Analyte	Method	Result	Units
1,4-Dichlorobenzene	EPA 8260	<1	ug/kg
1,2-Dichlorobenzene	EPA 8260	<1	ug/kg
EPA 8260/624 Surrogate			
1,2-Dichlorethane-D4	EPA 8260	120	%
Toluene-D8	EPA 8260	100	%
4-Bromofluorobenzene	EPA 8260	110	%
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
Polychlorinated Biphenyls			
Aroclor-1016	EPA 8080	< 0.20	mg/kg
Aroclor-1221	EPA 8080	< 0.20	mg/kg
Aroclor-1232	EPA 8080	< 0.20	mg/kg
Aroclor-1242	EPA 8080	< 0.20	mg/kg
Aroclor-1248	EPA 8080	< 0.20	mg/kg
Aroclor-1254	EPA 8080	< 0.20	mg/kg
Aroclor-1260	EPA 8080	< 0.20	mg/kg
EPA 8080 PCB - Surrogates			
TCX	EPA 8080	85	%
DCB	EPA 8080	81	%
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	134	%
Ortho-terphenyl	WTPH-D	164	%
TX by Dohrmann	9076	<500	ppm

Data Reviewed By: SM

Data Reported By: [Signature]

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ENVIRONMENTALBY-PRODUCT RECOVERY GROUP
WESTERN REGION**Philip Environmental Laboratory**

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 30-1-(4)

Profile #:

Lab ID: AA04958

Analyte	Method	Result	Units
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	99.9	%
Ortho-terphenyl	WTPH-D	130	%

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To: MARC STRICKLER

Analytical Report

Report Date: 07/15/96
Sample Collected: 06/19/96
Received Date: 06/19/96

Generator: UMATILLA ARMY
Project Name: UMATILLA
Project No: 96W011

Work Order No.:
P.O. No.:
Job Number: 06191522

Client ID: 30-2-(5)**Profile #:****Lab ID: AA04959**

Analyte	Method	Result	Units
Silver	EPA 6010	< 0.010	mg/L
Arsenic	EPA 6010	< 0.100	mg/L
Barium	EPA 6010	0.908	mg/L
Cadmium	EPA 6010	< 0.005	mg/L
Chromium	EPA 6010	< 0.010	mg/L
Mercury	EPA 7470	< 0.0008	mg/L
Lead	EPA 6010	< 0.100	mg/L
Selenium	EPA 6010	< 0.300	mg/L
TCLP (Extraction Procedure)	EPA 1311	86.0 g	
WTPH-HCID Soil			
Gasoline	WTPH-HCID	<20	mg/kg
Diesel	WTPH-HCID	<50	mg/kg
Motor Oil	WTPH-HCID	<100	mg/kg
WTPH Diesel Surrogates			
Bromobenzene	WTPH-D	115	%
Ortho-terphenyl	WTPH-D	126	%

ATTACHMENT B
Inventory of Drums Generated by Dames & Moore
and Disposed of Off-Post

ATTACHMENT B
Dames & Moore Generated Drums Disposed of Off-Post
Supplementary RI
Aug-96

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
-	1	4	4-8	1	-	grout, PVC, basalt frag, soil, water, drilling mud
	2	4	4-8	2	-	grout, PVC, basalt frag, soil, water, drilling mud
	3	4	4-8	3	-	grout, PVC, basalt frag, soil, water, drilling mud
-	4	4	4-8	4	-	grout, PVC, basalt frag, soil, water, drilling mud
	5	4	4-8	5	-	grout, PVC, basalt frag, soil, water, drilling mud
	6	4	4-8	6	-	grout, PVC, basalt frag, soil, water, drilling mud
	7	4	4-8	7	-	grout, PVC, basalt frag, soil, water, drilling mud
	8	4	4-8	8	-	grout, PVC, basalt frag, soil, water, drilling mud
	9	4	4-8	9	-	grout, PVC, basalt frag, soil, water, drilling mud
	10	4	4-8	10	-	grout, PVC, basalt frag, soil, water, drilling mud
	11	4	4-8	11	-	grout, PVC, basalt frag, soil, water, drilling mud
	12	4	4-8	12	-	grout, PVC, basalt frag, soil, water, drilling mud
	13	4	4-8	13	-	grout, PVC, basalt frag, soil, water, drilling mud
	14	4	4-9	1	-	grout
	15	4	4-9	2	-	grout
	16	4	4-9	1	-	grout and PVC
	17	4	4-9	2	-	grout and PVC
	18	4	4-9	3	-	grout and PVC
	19	4	4-9	4	-	grout and PVC
	20	4	4-9	5	-	grout and PVC
	21	4	4-9	6	-	grout and PVC
	22	4	4-9	7	-	grout and PVC
	23	4	4-9	8	-	grout and PVC
	24	4	4-9	9	-	grout and PVC
	25	4	4-9	10	-	grout and PVC
	26	4	4-9	11	-	grout and PVC
	27	4	4-9	12	-	grout and PVC
	28	4	4-9	13	-	grout and PVC
	29	4	4-9	14	-	grout and PVC
	30	4	4-9	15	-	grout and PVC
	31	4	4-9	16	-	grout and PVC
	32	4	4-9	17	-	grout and PVC
	33	4	4-9	18	-	grout and PVC
	34	4	4-9	19	-	grout and PVC
	35	4	4-9	20	-	grout and PVC
	36	4	4-9	21	-	grout and PVC
-	37	4	4-9	22	-	grout and PVC
	38	4	4-10	1	-	grout and PVC
	39	4	4-10	2	-	grout and PVC
	40	4	4-10	3	-	grout and PVC
	41	4	4-10	4	-	grout and PVC
	42	4	4-10	5	-	grout and PVC
	43	4	4-10	6	-	grout and PVC
	44	4	4-10	7	-	grout and PVC
	45	4	4-10	8	-	grout and PVC
	46	4	4-10	9	-	grout and PVC
	47	4	4-10	10	-	grout and PVC
	48	4	4-10	11	-	grout and PVC
	49	4	4-10	12	-	grout and PVC
	50	4	4-10	13	-	grout and PVC

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
51	4	4-10	14	-	-	grout and PVC
52	4	4-10	15	-	-	grout and PVC
53	4	4-10	16	-	-	grout and PVC
54	4	4-10	17	-	-	grout and PVC
55	4	4-10	18	-	-	grout and PVC
56	4	4-10	19	-	-	grout and PVC
57	4	4-10	20	-	-	grout and PVC
58	4	4-15	5	-	-	grout and PVC
59	4	4-17	1	-	-	grout and PVC
60	4	4-17	2	-	-	grout and PVC
61	4	4-17	3	-	-	grout and PVC
62	4	4-17	4	-	-	grout and PVC
63	4	4-17	5	-	-	grout and PVC
64	4	4-17	6	-	-	grout and PVC
65	4	4-17	7	-	-	grout and PVC
66	4	4-17	8	-	-	grout and PVC
67	4	4-17	9	-	-	grout and PVC
68	4	4-17	10	-	-	grout and PVC
69	4	4-17	11	-	-	grout and PVC
70	4	4-17	12	-	-	grout and PVC
71	4	4-17	13	-	-	grout and PVC
72	4	4-17	14	-	-	grout and PVC
73	4	4-17	15	-	-	grout and PVC
74	4	4-17	16	-	-	grout and PVC
75	4	4-17	17	-	-	grout and PVC
76	4	4-17	18	-	-	grout and PVC
77	4	4-17	19	-	-	grout and PVC
78	4	4-17	20	-	-	grout and PVC
79	4	4-17	21	-	-	grout and PVC
80	4	4-17	22	-	-	grout and PVC
81	4	4-17	23	-	-	grout and PVC
82	4	4-17	24	-	-	grout and PVC
83	4	4-17	25	-	-	grout and PVC
84	4	4-17	26	-	-	grout and PVC
85	4	4-17	27	-	-	grout and PVC
86	4	4-17	28	-	-	grout and PVC
87	4	4-17	29	-	-	grout and PVC
88	4	4-17	30	-	-	grout and PVC
89	4	4-17	31	-	-	grout and PVC
90	4	4-17	32	-	-	grout and PVC
91	4	4-17	33	-	-	grout and PVC
92	4	4-17	34	-	-	grout and PVC
93	4	4-17	35	-	-	grout and PVC
94	4	4-17	36	-	-	grout and PVC
95	4	4-17	37	-	-	grout and PVC
96	4	4-17	38	-	-	grout and PVC
97	4	4-17	39	-	-	grout and PVC
98	4	4-19	17	11/14/92	-	grout
99	4	4-19	18	11/14/92	-	grout
100	4	4-19	19	11/14/92	-	grout
101	4	4-19	20	11/14/92	-	grout
102	4	4-19	21	11/14/92	-	grout
103	4	4-19	22	11/14/92	-	grout
104	4	4-19	23	11/14/92	-	grout
105	4	4-19	24	11/14/92	-	grout
106	4	4-19	25	11/14/92	-	grout
107	4	4-19	26	11/14/92	-	grout
108	4	4-20	12	12/5/92	-	grout
109	4	4-20	13	12/5/92	-	grout
110	4	4-20	14	12/4/92	-	grout
111	4	4-20	15	12/4/92	-	grout

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
112	4	4-20	16	12/4/92	-	grout
113	4	4-20	17	12/4/92	-	grout
114	4	4-20	18	12/4/92	-	grout
115	4	4-20	19	12/4/92	-	grout
116	4	4-20	20	12/5/92	-	grout
117	4	4-21	16	11/18/92	-	grout
118	4	4-21	17	11/18/92	-	grout
119	4	4-21	18	11/18/92	-	grout
120	4	4-21	19	11/18/92	-	grout
121	4	4-21	20	11/18/92	-	grout
122	4	4-21	21	11/18/92	-	grout
123	4	4-21	22	11/18/92	-	grout
124	4	4-21	23	11/18/92	-	grout
125	4	4-21	24	11/18/92	-	grout
126	4	4-21	25	11/18/92	-	grout
127	4	4-22	8	12/8/92	-	grout
128	4	4-22	9	12/4/92	-	grout
129	4	4-22	10	12/4/92	-	grout
130	4	4-22	11	12/4/92	-	grout
131	4	4-22	12	12/4/92	-	grout
132	4	4-22	13	12/8/92	-	grout
133	4	4-22	14	12/8/92	-	grout
134	4	4-22	15	12/8/92	-	grout
135	4	4-22	16	12/8/92	-	grout
136	4	4-22	17	12/8/92	-	grout
137	4	4-22	18	12/8/92	-	grout
138	4	4-22	19	12/8/92	-	grout
139	4	4-22	20	12/9/92	-	grout
140	4	4-22	21	12/9/92	-	grout
141	4	4-22	22	12/9/92	-	grout
142	4	4-22	23	12/9/92	-	grout
143	4	4-22	24	12/9/92	-	grout
144	4	4-22	25	12/9/92	-	grout
145	4	4-22	26	12/9/92	-	grout
146	4	4-24	11	11/15/92	-	grout
147	4	4-24	12	11/15/92	-	grout
148	4	4-25	34	9/17/93	-	grout
149	4	4-25	35	9/17/93	-	grout
150	4	4-26/4-P3	22	9/18/93	-	grout
151	4	4-26/4-P4	25	9/18/93	-	grout
152	4	4-P1	8	9/14/93	-	grout
153	4	4-P1	12	9/14/93	-	grout
154	4	4-P2	16	9/16/93	-	grout
155	4	4-P2	19	9/16/93	-	grout
156	35	S35-1,2&3	1	9/19/90	-	sand/gravel
157	-	UST 11 (STA 1,2,3,4)	10	9/21/93	-	grout
158	-	UST 18	1	9/29/92	-	diesel spillage waste
159	-	UST 20 (STA 13,14)	7	9/18/93	-	grout
160	-	UST 20 (STA 13,14)	37	9/18/93	0-10	soil cuttings
161	-	Evap. Pond #1	1	9/1/92	-	sediment
162	-	Evap. Pond #1	2	9/1/92	-	sediment
163	-	Evap. Pond #1	3	9/1/92	-	sediment
164	-	Evap. Pond #1	4	9/1/92	-	sediment
165	-	Evap. Pond #1	5	9/1/92	-	sediment
166	-	Evap. Pond #1	6	9/1/92	-	sediment
167	-	Evap. Pond #1	7	9/1/92	-	sediment
168	-	Evap. Pond #1	8	9/1/92	-	sediment
169	-	Evap. Pond #1	9	9/1/92	-	sediment
170	-	Evap. Pond #1	10	9/1/92	-	sediment
171	-	Evap. Pond #1	11	9/1/92	-	sediment
172	-	Evap. Pond #1	12	9/1/92	-	sediment

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
173	-	Evap. Pond #1	13	9/1/92	-	sediment
174	-	Evap. Pond #1	14	9/1/92	-	sediment
175	-	Evap. Pond #1	15	9/1/92	-	sediment
176	-	Evap. Pond #1	16	9/1/92	-	sediment
177	-	Evap. Pond #1	17	9/1/92	-	sediment
178	-	Evap. Pond #1	18	9/1/92	-	sediment
179	-	Evap. Pond #1	19	9/1/92	-	sediment
180	-	Evap. Pond #1	20	9/1/92	-	sediment
181	-	Evap. Pond #1	21	9/1/92	-	sediment
182	-	Evap. Pond #2	1	9/2/92	-	sediment
183	-	Evap. Pond #2	2	9/2/92	-	sediment
184	-	Evap. Pond #2	3	9/2/92	-	sediment
185	-	Evap. Pond #2	4	9/2/92	-	sediment
186	-	Evap. Pond #2	5	9/2/92	-	sediment
187	-	Evap. Pond #2	6	9/2/92	-	sediment
188	-	Evap. Pond #2	7	9/2/92	-	sediment
189	-	Evap. Pond #2	8	9/2/92	-	sediment
190	-	Evap. Pond #2	9	9/2/92	-	sediment
191	-	Evap. Pond #2	10	9/2/92	-	sediment
192	-	Evap. Pond #2	11	9/2/92	-	sediment
193	-	Evap. Pond #2	12	9/2/92	-	sediment
194	-	Evap. Pond #2	13	9/2/92	-	sediment
195	-	Evap. Pond #2	14	9/2/92	-	sediment
196	-	Evap. Pond #2	15	9/2/92	-	sediment
197	-	Evap. Pond #2	16	9/2/92	-	sediment
198	-	Evap. Pond #2	17	9/2/92	-	sediment
199	-	Evap. Pond #2	18	9/2/92	-	sediment
200	-	Evap. Pond #2	19	9/2/92	-	sediment
201	-	Evap. Pond #2	20	9/2/92	-	sediment
202	-	Evap. Pond #2	21	9/2/92	-	sediment
203	-	Evap. Pond #2	22	9/2/92	-	sediment
204	-	Evap. Pond #2	23	9/2/92	-	sediment
205	-	Evap. Pond #2	24	9/2/92	-	sediment
206	-	Evap. Pond #2	25	9/2/92	-	sediment
207	-	Evap. Pond #2	26	9/2/92	-	sediment
208	-	Evap. Pond #1	1	9/17/92	-	sand
209	-	Evap. Pond #1	2	9/17/92	-	sand
210	-	Evap. Pond #1	3	9/17/92	-	sand
211	-	Evap. Pond #1	4	9/17/92	-	sand
212	-	Evap. Pond #1	5	9/17/92	-	sand
213	-	Evap. Pond #1	6	9/17/92	-	sand
214	-	Evap. Pond #1	7	9/14/92	-	sand
215	-	Evap. Pond #1	8	9/14/92	-	sand
216	-	Evap. Pond #1	9	9/14/92	-	sand
217	-	Evap. Pond #1	10	9/14/92	-	sand
218	-	Evap. Pond #1	11	9/14/92	-	sand
219	-	Evap. Pond #1	12	9/14/92	-	sand
220	-	Evap. Pond #1	13	9/14/92	-	sand
221	-	Evap. Pond #1	14	9/14/92	-	sand
222	-	Evap. Pond #1	15	9/14/92	-	sand
223	-	Evap. Pond #1	16	9/14/92	-	sand
224	-	Evap. Pond #1	17	9/14/92	-	sand
225	-	Evap. Pond #1	18	9/14/92	-	sand
226	-	Evap. Pond #1	19	9/14/92	-	sand
227	-	Evap. Pond #1	20	9/14/92	-	sand
228	-	Evap. Pond #1	21	9/14/92	-	sand
229	-	Evap. Pond #1	22	9/14/92	-	sand
230	-	Evap. Pond #1	23	9/14/92	-	sand
231	-	Evap. Pond #1	24	9/14/92	-	sand
232	-	Evap. Pond #1	25	9/14/92	-	sand
233	-	Evap. Pond #1	26	9/14/92	-	sand

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
234	-	Evap. Pond #1	27	9/14/92	-	sand
235	-	Evap. Pond #1	28	9/14/92	-	sand
236	-	Evap. Pond #1	29	9/14/92	-	sand
237	-	Evap. Pond #1	30	9/14/92	-	sand
238	-	Evap. Pond #1	31	9/14/92	-	sand
239	-	Evap. Pond #1	32	9/15/92	-	sand
240	-	Evap. Pond #1	33	9/15/92	-	sand
241	-	Evap. Pond #1	34	9/15/92	-	sand
242	-	Evap. Pond #1	35	9/15/92	-	sand
243	-	Evap. Pond #1	36	9/15/92	-	sand
244	-	Evap. Pond #1	37	9/15/92	-	sand
245	-	Evap. Pond #1	38	9/14/92	-	sand
246	-	Evap. Pond #1	39	9/14/92	-	sand
247	-	Evap. Pond #1	40	9/15/92	-	sand
248	-	Evap. Pond #1	41	9/14/92	-	sand
249	-	Evap. Pond #1	42	9/14/92	-	sand
250	-	Evap. Pond #1	43	9/14/92	-	sand
251	-	Evap. Pond #1	44	9/15/92	-	sand
252	-	Evap. Pond #1	45	9/14/92	-	sand
253	-	Evap. Pond #1	46	9/14/92	-	sand
254	-	Evap. Pond #1	47	9/14/92	-	sand
255	-	Evap. Pond #1	48	9/17/92	-	sand
256	-	Evap. Pond #1	49	9/17/92	-	sand
257	-	Evap. Pond #1	50	9/14/92	-	sand
258	-	Evap. Pond #1	51	9/14/92	-	sand
259	-	Evap. Pond #1	52	9/16/92	-	sand
260	-	Evap. Pond #1	53	9/17/92	-	sand
261	-	Evap. Pond #1	54	9/14/92	-	sand
262	-	Evap. Pond #1	55	9/16/92	-	sand
263	-	Evap. Pond #1	56	9/16/92	-	sand
264	-	Evap. Pond #1	57	9/14/92	-	sand
265	-	Evap. Pond #1	58	9/16/92	-	sand
266	-	Evap. Pond #1	59	9/16/92	-	sand
267	-	Evap. Pond #1	60	9/14/92	-	sand
268	-	Evap. Pond #1	61	9/15/92	-	sand
269	-	Evap. Pond #1	62	9/15/92	-	sand
270	-	Evap. Pond #1	63	9/15/92	-	sand
271	-	Evap. Pond #1	64	9/16/92	-	sand
272	-	Evap. Pond #1	65	9/14/92	-	sand
273	-	Evap. Pond #1	66	9/15/92	-	sand
274	-	Evap. Pond #1	67	9/15/92	-	sand
275	-	Evap. Pond #1	68	9/14/92	-	sand
276	-	Evap. Pond #1	69	9/17/92	-	sand
277	-	Evap. Pond #1	70	9/14/92	-	sand
278	-	Evap. Pond #1	71	9/17/92	-	sand
279	-	Evap. Pond #1	72	9/14/92	-	sand
280	-	Evap. Pond #1	73	9/14/92	-	sand
281	-	Evap. Pond #1	74	9/17/92	-	sand
282	-	Evap. Pond #1	75	9/17/92	-	sand
283	-	Evap. Pond #1	76	9/14/92	-	sand
284	-	Evap. Pond #1	77	9/17/92	-	sand
285	-	Evap. Pond #1	78	9/17/92	-	sand
286	-	Evap. Pond #1	79	9/17/92	-	sand
287	-	Evap. Pond #1	80	9/14/92	-	sand
288	-	Evap. Pond #1	81	9/14/92	-	sand
289	-	Evap. Pond #1	82	9/17/92	-	sand
290	-	Evap. Pond #1	83	9/14/92	-	sand
291	-	Evap. Pond #1	84	9/17/92	-	sand
292	-	Evap. Pond #1	85	9/24/92	-	sand
293	-	Evap. Pond #1	86	9/15/92	-	sand
294	-	Evap. Pond #1	87	9/15/92	-	sand

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
295	-	Evap. Pond #1	88	9/15/92	-	sand
296	-	Evap. Pond #1	89	9/15/92	-	sand
297	-	Evap. Pond #1	90	9/15/92	-	sand
298	-	Evap. Pond #1	91	9/15/92	-	sand
299	-	Evap. Pond #1	92	9/15/92	-	sand
300	-	Evap. Pond #1	93	9/15/92	-	sand
301	-	Evap. Pond #1	94	9/15/92	-	sand
302	-	Evap. Pond #1	95	9/15/92	-	sand
303	-	Evap. Pond #1	96	9/15/92	-	sand
304	-	Evap. Pond #1	97	9/15/92	-	sand
305	-	Evap. Pond #1	98	9/15/92	-	sand
306	-	Evap. Pond #1	99	9/15/92	-	sand
307	-	Evap. Pond #1	100	9/15/92	-	sand
308	-	Evap. Pond #1	101	9/17/92	-	sand
309	-	Evap. Pond #1	102	9/15/92	-	sand
310	-	Evap. Pond #1	103	9/15/92	-	sand
311	-	Evap. Pond #1	104	9/17/92	-	sand
312	-	Evap. Pond #1	105	9/15/92	-	sand
313	-	Evap. Pond #1	106	9/14/92	-	sand
314	-	Evap. Pond #1	107	9/15/92	-	sand
315	-	Evap. Pond #1	108	9/16/92	-	sand
316	-	Evap. Pond #1	109	9/16/92	-	sand
317	-	Evap. Pond #1	110	9/16/92	-	sand
318	-	Evap. Pond #1	111	9/16/92	-	sand
319	-	Evap. Pond #1	112	9/17/92	-	sand
320	-	Evap. Pond #1	113	9/17/92	-	sand
321	-	Evap. Pond #1	114	9/15/92	-	sand
322	-	Evap. Pond #1	115	9/16/92	-	sand
323	-	Evap. Pond #1	116	9/17/92	-	sand
324	-	Evap. Pond #1	117	9/16/92	-	sand
325	-	Evap. Pond #1	118	9/15/92	-	sand
326	-	Evap. Pond #1	119	9/15/92	-	sand
327	-	Evap. Pond #1	120	9/15/92	-	sand
328	-	Evap. Pond #1	121	9/16/92	-	sand
329	-	Evap. Pond #1	122	9/17/92	-	sand
330	-	Evap. Pond #1	123	9/16/92	-	sand
331	-	Evap. Pond #1	124	9/15/92	-	sand
332	-	Evap. Pond #1	125	9/16/92	-	sand
333	-	Evap. Pond #1	126	9/15/92	-	sand
334	-	Evap. Pond #1	127	9/16/92	-	sand
335	-	Evap. Pond #1	128	9/17/92	-	sand
336	-	Evap. Pond #1	129	9/16/92	-	sand
337	-	Evap. Pond #1	130	9/16/92	-	sand
338	-	Evap. Pond #1	131	9/16/92	-	sand
339	-	Evap. Pond #1	132	9/16/92	-	sand
340	-	Evap. Pond #1	133	9/17/92	-	sand
341	-	Evap. Pond #1	134	9/16/92	-	sand
342	-	Evap. Pond #1	135	9/17/92	-	sand
343	-	Evap. Pond #1	136	9/16/92	-	sand
344	-	Evap. Pond #1	137	9/17/92	-	sand
345	-	Evap. Pond #1	138	9/16/92	-	sand
346	-	Evap. Pond #1	139	9/17/92	-	sand
347	-	Evap. Pond #1	140	9/16/92	-	sand
348	-	Evap. Pond #1	141	9/16/92	-	sand
349	-	Evap. Pond #1	142	9/16/92	-	sand
350	-	Evap. Pond #1	143	9/17/92	-	sand
351	-	Evap. Pond #1	144	9/16/92	-	sand
352	-	Evap. Pond #1	145	9/17/92	-	sand
353	-	Evap. Pond #1	146	9/17/92	-	sand
354	-	Evap. Pond #1	147	9/17/92	-	sand
355	-	Evap. Pond #1	148	9/17/92	-	sand

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
356	-	Evap. Pond #1	149	9/16/92	-	sand
357	-	Evap. Pond #1	150	9/16/92	-	sand
358	-	Evap. Pond #1	151	9/17/92	-	sand
359	-	Evap. Pond #1	152	9/16/92	-	sand
360	-	Evap. Pond #1	153	9/16/92	-	sand
361	-	Evap. Pond #1	154	9/16/92	-	sand
362	-	Evap. Pond #1	155	9/17/92	-	sand
363	-	Evap. Pond #1	156	9/16/92	-	sand
364	-	Evap. Pond #1	157	9/17/92	-	sand
365	-	Evap. Pond #1	158	9/16/92	-	sand
366	-	Evap. Pond #1	159	9/16/92	-	sand
367	-	Evap. Pond #1	160	9/17/92	-	sand
368	-	Evap. Pond #1	161	9/17/92	-	sand
369	-	Evap. Pond #1	162	9/17/92	-	sand
370	-	Evap. Pond #1	163	9/17/92	-	sand
371	-	Evap. Pond #1	164	9/17/92	-	sand
372	-	Evap. Pond #1	165	9/17/92	-	sand
373	-	Evap. Pond #1	166	9/17/92	-	sand
374	-	Evap. Pond #1	167	9/17/92	-	sand
375	-	Evap. Pond #1	168	9/17/92	-	sand
376	-	Evap. Pond #1	169	9/17/92	-	sand
377	-	Evap. Pond #1	170	9/16/92	-	sand
378	-	Evap. Pond #1	171	9/16/92	-	sand
379	-	Evap. Pond #1	172	9/17/92	-	sand
380	-	Evap. Pond #1	173	9/17/92	-	sand
381	-	Evap. Pond #1	174	9/17/92	-	sand
382	-	Evap. Pond #1	175	9/17/92	-	sand
383	-	Evap. Pond #1	176	9/17/92	-	sand
384	-	Evap. Pond #1	177	9/17/92	-	sand
385	-	Evap. Pond #1	178	9/17/92	-	sand
386	-	Evap. Pond #1	179	9/17/92	-	sand
387	-	Evap. Pond #1	180	9/17/92	-	sand
388	-	Evap. Pond #1	181	9/17/92	-	sand
389	-	Evap. Pond #1	182	9/17/92	-	sand
390	-	Evap. Pond #1	183	9/17/92	-	sand
391	-	Evap. Pond #1	184	9/17/92	-	sand
392	-	Evap. Pond #1	185	9/17/92	-	sand
393	-	Evap. Pond #1	186	9/17/92	-	sand
394	-	Evap. Pond #1	1	10/9/92	-	Clean, new liner/trash
395	-	Evap. Pond #1	2	10/9/92	-	Clean, new liner/trash
396	-	Evap. Pond #1	3	10/9/92	-	Clean, new liner/trash
397	-	Evap. Pond #1	4	10/9/92	-	Clean, new liner/trash
398	-	Evap. Pond #1	5	10/9/92	-	Clean, new liner/trash
399	-	Evap. Pond #1	6	10/9/92	-	Clean, new liner/trash
400	-	Evap. Pond #1	0	9/25/92	-	Old liner/netting
401	-	Evap. Pond #1	0	9/24/92	-	Old poly liner
402	-	Evap. Pond #1	0	9/24/92	-	Old poly liner
403	-	Evap. Pond #1	0	9/1/92	-	soiled weeds
404	-	Evap. Pond #1	0	9/25/92	-	Old liner
405	-	Evap. Pond #2	8	9/1/92	-	Clean trash
406	-	Evap. Pond #2	0	9/1/92	-	PPE
407	-	Evap. Pond #2	0	9/1/92	-	soiled weeds
408	-	Evap. Ponds	0	9/1/92	-	soiled weeds
409	-	Evap. Ponds	0	9/1/92	-	soiled weeds
410	-	Evap. Ponds	0	9/1/92	-	soiled weeds
411	-	Evap. Ponds	0	9/1/92	-	soiled weeds
412	-	Evap. Ponds	0	9/1/92	-	soiled weeds
413	-	Evap. Ponds	7	9/1/92	-	PPE
414	-	Trash	1	12/5/92	-	trash
415	-	Trash	2	12/5/92	-	clean trash
416	-	Trash	3	12/5/92	-	clean trash

ATTACHMENT B (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM
417	-	Trash	4	12/5/92	-	clean trash
418	-	Trash	9	9/1/92	-	clean trash
419	-	Trash	10	9/13/92	-	trash building 118
420	-	Trash	11	10/1/92	-	clean trash
421	-	Trash	12	10/26/92	-	trash, UMDA
422	-	Trash	13	10/26/92	-	trash, storage 118
423	-	Trash	14	10/26/92	-	trash, UMDA
424	4	4-107	1	2/28/95		purge water
425	4	4-107	2	2/28/95		purge water
426	4	4-107	3	2/28/95		purge water
427	4	4-109	1	2/28/95		purge water
428	4	4-109	2	2/28/95		purge water
429	4	4-109	3	2/28/95		purge water
430	4	4-110	1	2/28/95		purge water
431	4	4-110	2	2/28/95		purge water
432	4	4-110	3	2/28/95		purge water
433	4	4-110	4	2/28/95		purge water
434	4	4-110	5	2/28/95		purge water

ATTACHMENT C

Profile Sheets for Wastestreams UMAD-4, UMAD-6, UMAD-16, and UMAD-27

Starts : 21 JUN 96
Expires: 31 MAY 97
Printed: 16 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD-4-00
Status: PENDING
Sales Rep: 951 Kurtz, Kristina
Acct Mgr: 759 McReynolds, Mar

A. GENERATOR SITE INFORMATION

Generator # 14634
US ARMY DEPOT - UMATILLA
EXIT 167, ROUTE 84
ROUTE 84
HERMISTON OR 97838

EPA # ORD213820917
Phone (541) 564-5294
Contact Mark Daugherty
SIC Codes 9199

B. CUSTOMER ADDRESS:

Customer # 20312
DAMES & MOORE
849 INTERNATIONAL DR #320
LINTHICUM MD 21090

C. WASTE INFORMATION On File: MSDS Yes Analysis No Sample No

Waste Name: Used grout

Process : Leftover grout from mw installation

D. PHYSICAL CHARACTERISTICS OF WASTE

PhysStates P-Pow	Top Color TAN TO GRAY	Layers 1 Single Phased	PH Range 8-12
G-Slu	Mid Color	Spec Grav 2.45-2.5	FlashTest NT
	Bot Color BLUEGRAY TO GREEN	Free Liq % 0-1%	FlashRange No Flash

E. COMPOSITION OF WASTE Info Provided by: Gen

PCBs NO	Cyanides NO	Phenolics NO	Sulfides NO
Chemical			Min-Max% Range
CRYSTALLINE SILICA			50% 90%
LIMESTONE			1% 2%
CALCIUM SULFATE			0% 1%
WATER			0% 1%

F. METALS

Metals Test Method GEN	Arsenic <5	Lead <5	Silver <5	Zinc
	Barium <100	Mercury <0.2	Nickel <134	Copper
	Cadmium <1	Selenium <1	Thallium <130	Chrome-6
	Chromium <5			

OTHER METALS PPM

G. OTHER CHARACTERISTICS OF WASTE	Ign. Solid No	Reactive No	Dangerous When Wet No
	Shock Sensitive No	Poisonous No	Inhalation Hazard No
	Oxidizer No	Corrosive No	Waste Water No
	Water Reactive No	Carcinogen No	Marine Pollution No

H. USE EPA / STATE WASTE IDENTIFICATION

Dang/Haz Waste No	Form Code B306	Exempt TSCA N	Soil Reportable Yes
DW / EHW	Source Code A77	CERCLA	OSHA/WISHA
NESHAPS N	Origin Code 1	Household	
Orgnc/Inorgnc I		Debris	

EPA Codes

State Codes

I. SHIPPING INFORMATION

DOT Haz Mtrl	DOT ID#	One Time Only N
DOT Shipping Name MATERIAL NOT REGULATED BY DOT		
DOT Hazard Class	Container Type DM Metal Drum	Qty to Ship Now 71
SUB DOT Haz Class		Projected Volume 71 / Month
PKG	ERG []	RQ N/A

Starts : 21 JUN 96
Expires: 31 MAY 97
Printed: 16 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD-4-00
Status: PENDING
Sales Rep: 951 Kurtz, Kristina
Acct Mgr: 759 McReynolds, Mar

Additional Description

J. SPECIAL HANDLING INFORMATION

MSDS PROVIDED BY CUSTOMER NO SAMPLE REQUIRED. FORWARD ALL QUESTIONS TO MARC STRICKLER WCSS JOB# 96W011

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that BEI has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.

If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing on the date listed above.

Signature

Printed Name

Title

Date

Starts : 17 JUL 96
 Expires: 30 JUN 97
 Printed: 26 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD-6-00
 Status: PENDING
 Sales Rep: 951 Kurtz, Kristina
 Acct Mgr: 759 McReynolds, Mar

A. GENERATOR SITE INFORMATION

Generator # 14634
 US ARMY DEPOT - UMATILLA
 EXIT 167, ROUTE 84
 ROUTE 84
 HERMISTON OR 97838

EPA # ORD213820917
 Phone (541) 564-5294
 Contact Mark Daugherty
 SIC Codes 9199

B. CUSTOMER ADDRESS:

Customer # 20312
 DAMES & MOORE
 849 INTERNATIONAL DR #320
 LINTHICUM MD 21090

C. WASTE INFORMATION On File: MSDS No Analysis Yes Sample No

Waste Name: Diesel, Oil and Debris

Process : Diesel and Oil spill

D. PHYSICAL CHARACTERISTICS OF WASTE

PhysStates S-Sol	Top Color VARIES	Layers 0 NA	PH Range 4.1-10
S-Sol	Mid Color VARIES	Spec Grav 2 TO 3	FlashTest
S-Sol	Bot Color VARIES	Free Liq % 0 TO 1%	FlashRange >200

E. COMPOSITION OF WASTE Info Provided by: Lab

PCBs N	Cyanides N	Phenolics N	Sulfides N
Chemical			Min-Max% Range
SAND, SOIL, PPE, DEBRIS,			100%
PLASTIC CONTAMINATED			
DIESEL AND OIL			

F. METALS

Metals Test Method EPA	Arsenic <5	Lead <5	Silver <5	Zinc
	Barium <100	Mercury <0.2	Nickel <134	Copper
	Cadmium <1	Selenium <1	Thallium <130	Chrome-6
	Chromium <5			

OTHER METALS PPM

G. OTHER CHARACTERISTICS OF WASTE

Ign. Solid	No	Reactive	No	Dangerous When Wet	No
Shock Sensitive	No	Poisonous	No	Inhalation Hazard	No
Oxidizer	No	Corrosive	No	Waste Water	No
Water Reactive	No	Carcinogen	No	Marine Pollution	No

H. USE EPA / STATE WASTE IDENTIFICATION

Dang/Haz Waste No	Form Code B301	Exempt TSCA N	Soil Reportable No
DW / EHW	Source Code A53	CERCLA	OSHA/WISHA
NESHAPS N	Origin Code 1	Household	
Orgnc/Inorgnc B		Debris	

EPA Codes

State Codes

I. SHIPPING INFORMATION

DOT Haz Mtrl	DOT ID#	One Time Only N
DOT Shipping Name MATERIAL NOT REGULATED BY DOT		
DOT Hazard Class	Container Type DM Metal Drum	Qty to Ship Now 18
SUB DOT Haz Class		Projected Volume 18 / Month
PKG	ERG []	RQ

Starts : 17 JUL 96
Expires: 30 JUN 97
Printed: 26 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD-6-00
Status: PENDING
Sales Rep: 951 Kurtz, Kristina
Acct Mgr: 759 McReynolds, Mar

Additional Description

J. SPECIAL HANDLING INFORMATION

MATERIAL HAS A HIGH TPH RANGE. FORWARD ALL QUESTIONS TO MARC STRICKLER WCSS.

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that BEI has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.

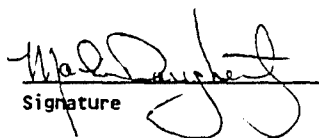
If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing on the date listed above.

Signature

Printed Name

Title

Date



MARK DAUGHERTY

BRAC Env Coordinator 8/7/96

Starts : 24 JUN 96
Expires: 31 MAY 97
Printed: 16 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD-16-00
Status: PENDING
Sales Rep: 951 Kurtz, Kristina
Acct Mgr: 759 McReynolds, Mar

A. GENERATOR SITE INFORMATION

Generator # 14634
US ARMY DEPOT - UMATILLA
EXIT 167, ROUTE 84
ROUTE 84
HERMISTON OR 97838

EPA # ORD213820917
Phone (541) 564-5294
Contact Mark Daugherty
SIC Codes 9199

B. CUSTOMER ADDRESS:

Customer # 20312
DAMES & MOORE
849 INTERNATIONAL DR #320
LINTHICUM MD 21090

C. WASTE INFORMATION On File: MSDS No Analysis No Sample Yes

Waste Name: GROUT WITH WATER

Process : leftover grout from mm installation

D. PHYSICAL CHARACTERISTICS OF WASTE

PhysStates L-Liq	Top Color CLEAR TO WHITE	Layers 2 Bi-Layered	PH Range 12-14
G-Slu	Mid Color	Spec Grav 2-3	FlashTest Open
	Bot Color BLUEGRAY TO GREEN	Free Liq % 0-75%	FlashRange No Flash

E. COMPOSITION OF WASTE Info Provided by: Gen

PCBs NO	Cyanides NO	Phenolics NO	Sulfides NO
Chemical			Min-Max% Range
CRYSTALLINE SILICA			10% 30%
LIMESTONE			1% 2%
CALCIUM SULFATE			0% 1%
WATER			10% 75%

F. METALS

Metals Test Method GEN	Arsenic <5	Lead <5	Silver <5	Zinc
	Barium <100	Mercury <0.2	Nickel <134	Copper
	Cadmium <1	Selenium <1	Thallium <130	Chrome-6
	Chromium <5			
OTHER METALS	PPM			

G. OTHER CHARACTERISTICS OF WASTE

Ign. Solid	No	Reactive	No	Dangerous When Wet	No
Shock Sensitive	No	Poisonous	No	Inhalation Hazard	No
Oxidizer	No	Corrosive	No	Waste Water	No
Water Reactive	No	Carcinogen	No	Marine Pollution	No

H. USE EPA / STATE WASTE IDENTIFICATION

Dang/Haz Waste Yes	Form Code B114	Exempt TSCA N	Soil Reportable Yes
DW / EHW DW	Source Code A59	CERCLA	OSHA/WISHA
NESHAPS N	Origin Code 1	Household	
Orgnc/Inorgnc B		Debris	
EPA Codes D002			
State Codes WT02			

I. SHIPPING INFORMATION

DOT Haz Mtrl	DOT ID# UN1719	One Time Only N
DOT Shipping Name	Waste caustic alkali liquids, n.o.s. (CALCIUM SULFATE, LIME)	
DOT Hazard Class 8	Container Type DM Metal Drum	Qty to Ship Now 12
SUB DOT Haz Class		Projected Volume 12 / Month
PKG II	ERG [60] RQ N/A	

Starts : 24 JUN 96
Expires: 31 MAY 97
Printed: 16 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD-16-00
Status: PENDING
Sales Rep: 951 Kurtz, Kristina
Acct Mgr: 759 McReynolds, Mar

Additional Description

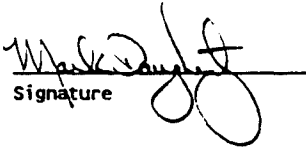
J. SPECIAL HANDLING INFORMATION

MSDS PROVIDED BY CUSTOMER. SAMPLE WAS TAKEN FOR PROFILE SCREEN. FORWARD ALL QUESTIONS TO MARC STRICKLER WCSS JOB# 96W011

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that BEI has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.

If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing on the date listed above.


Signature

MARC E. STRICKLER
Printed Name

BEAC ENV. COORDINATOR
Title

7/25/96
Date

Starts : 21 JUN 96
 Expires: 31 MAY 97
 Printed: 16 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD--27-00
 Status: PENDING
 Sales Rep: 951 Kurtz, Kristina
 Acct Mgr: 759 McReynolds, Mar

A. GENERATOR SITE INFORMATION

Generator # 14634
 US ARMY DEPOT - UMATILLA
 EXIT 167, ROUTE 84
 ROUTE 84
 HERMISTON OR 97838

EPA # ORD213820917
 Phone (541) 564-5294
 Contact Mark Daugherty
 SIC Codes 9199

B. CUSTOMER ADDRESS:

Customer # 20312
 DAMES & MOORE
 849 INTERNATIONAL DR #320
 LINTHICUM MD 21090

C. WASTE INFORMATION On File: MSDS No Analysis No Sample No

Waste Name: LOOSEPACK OIL BASE PAINT, STAINS, ADHESIVES, TARS, PETROLEUM DISTILLATES TO FUELS

Process : old out dated paints, stains ect.

D. PHYSICAL CHARACTERISTICS OF WASTE

PhysStates L-Liq	Top Color VARIES	Layers 3 Multi-Layered	PH Range
S-Sol	Mid Color	Spec Grav 0.95	FlashTest Open
G-Slu	Bot Color	Free Liq %	FlashRange <140

E. COMPOSITION OF WASTE Info Provided by: Gen

PCBs NO	Cyanides NO	Phenolics NO	Sulfides NO
Chemical			Min-Max% Range
LOOSEPACK OIL BASE PAINT			100

F. METALS

Metals Test Method GEN	Arsenic Barium Cadmium Chromium	Lead Mercury Selenium	Silver Nickel Thallium	Zinc Copper Chrome-6
OTHER METALS	PPM			

G. OTHER CHARACTERISTICS OF WASTE	Ign. Solid No	Reactive No	Dangerous When Wet No
	Shock Sensitive No	Poisonous No	Inhalation Hazard No
	Oxidizer No	Corrosive	Waste Water No
	Water Reactive No	Carcinogen	Marine Pollution No

H. USE EPA / STATE WASTE IDENTIFICATION

Dang/Haz Waste Yes	Form Code B209	Exempt TSCA Yes	Soil Reportable No
DW / EHW DW	Source Code A58	CERCLA	OSHA/WISHA
NESHAPS N	Origin Code 1	Household	
Orgnc/Inorgnc 0		Debris	

EPA Codes
 D001

State Codes
 WT02

I. SHIPPING INFORMATION

DOT Haz Mtrl Yes	DOT ID# UN1263	One Time Only N
DOT Shipping Name Waste Paint Related Material (Paints and Thinners)		
DOT Hazard Class 3	Container Type DM Metal Drum	Qty to Ship Now 1
SUB DOT Haz Class		Projected Volume / Year
PKG II ERG [26] RQ 100		
Additional Description OTHER SHIPPING NAMES MAY APPLY		

Starts : 21 JUN 96
Expires: 31 MAY 97
Printed: 16 JUL 96

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : UMAD--27-00
Status: PENDING
Sales Rep: 951 Kurtz, Kristina
Acct Mgr: 759 McReynolds, Mar

J. SPECIAL HANDLING INFORMATION

LOOSEPACK UMATILLA JOB #96W011, FORWARD ALL QUESTIONS TO MARC STRICKLER WCSS

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that BEI has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.

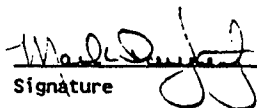
If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing on the date listed above.

Signature

Printed Name

Title

Date



Marc Strickler

BEI Env. Engineer

7/25/96

ATTACHMENT D
Uniform Hazardous Waste Manifests

WCS
W01 96W011

BURLINGTON ENVIRONMENTAL, INC. dba PHILIP ENVIRONMENTAL
1100 OAKESDALE AVE. S.W. - RENTON, WA 98055
(206) 227-0311

11095

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Reauthorized through 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ORD 213 820 917	Manifest Document No. 61023	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U.S. ARMY DEPOT EXIT 177 ROUTE 84 HERMISTON, OR 97838			A. State Manifest Document Number		
4. Generator's Phone (541) 564-5294 - ATTN: MARK DAUGHERTY			B. State Generator's ID		
5. Transporter 1 Company Name BET TRANSPORTATION		6. US EPA ID Number WAR 000 001 743		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 206 383-3044	
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 931281767		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone 206 872-8030	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers	13. Total Quantity	14. Unit
a. MATERIAL NOT REGULATED BY DOT PHUMAD-4			No. 12 Type DM	7200	P
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information			K. Handling Codes for Wastes Listed Above		
<p>Additional Descriptions for Materials Listed Above:</p> <p>DO NOT EMERGENCY TELEPHONE</p> <p>206 96W011</p> <p>COST 20313</p> <p>604 14634</p> <p>COST 1220</p>					
<p>GENERATOR EMERGENCY TELEPHONE (206) 383-3044 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED</p> <p>16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations.</p> <p>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.</p>					
Printed/Typed Name			Signature		Month Day Year
Mark Daugherty			[Signature]		7 10 96
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
PAUL KREISSBACH			[Signature]		7 10 96
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name			Signature		Month Day Year
Simantia Delacruz			[Signature]		10 21 96

WLCSS
 Please print or type
 (Form designed for use on elite (12-pitch) typewriter.)

*W0*96W011A*

Form Approved. OMB No. 2050-0039. Reauthorized through 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>01RD213820917</i>	Manifest Document No. <i>60971</i>		2. Page 1 of 1	Information in the shaded areas is not required by Federal law.											
3. Generator's Name and Mailing Address <i>U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97338</i>				A. State Manifest Document Number													
4. Generator's Phone (<i>541</i>) <i>564-5294</i> <i>Attn: Mark Daugherty</i>				B. State Generator's ID													
5. Transporter 1 Company Name <i>BET Transportation</i>				C. State Transporter's ID													
6. US EPA ID Number <i>WAD000001743</i>				D. Transporter's Phone <i>(206) 383-3044</i>													
7. Transporter 2 Company Name				E. State Transporter's ID													
8. US EPA ID Number				F. Transporter's Phone													
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:				10. US EPA ID Number <i>WAD000812909</i> <i>WAD020257945</i> <i>WAD991281767</i>													
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.										
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>HM</th> <th></th> </tr> <tr> <td>a.</td> <td><i>Material Not Regulated by D.O.T # UMAD-6</i></td> </tr> <tr> <td>b.</td> <td></td> </tr> <tr> <td>c.</td> <td></td> </tr> <tr> <td>d.</td> <td></td> </tr> </table>				HM		a.	<i>Material Not Regulated by D.O.T # UMAD-6</i>	b.		c.		d.		No.	Type		
HM																	
a.	<i>Material Not Regulated by D.O.T # UMAD-6</i>																
b.																	
c.																	
d.																	
				<i>60</i>	<i>0m</i>	<i>46,000 P.</i>	<i>211</i>										
3. Additional Description for Materials Listed Above				K. Handling Codes for Wastes Listed Above													
<i>20011</i> <i>20312</i> <i>20314</i> <i>20315</i> <i>20316</i> <i>20317</i> <i>20318</i> <i>20319</i> <i>20320</i> <i>20321</i> <i>20322</i> <i>20323</i> <i>20324</i> <i>20325</i> <i>20326</i> <i>20327</i> <i>20328</i> <i>20329</i> <i>20330</i> <i>20331</i> <i>20332</i> <i>20333</i> <i>20334</i> <i>20335</i> <i>20336</i> <i>20337</i> <i>20338</i> <i>20339</i> <i>20340</i> <i>20341</i> <i>20342</i> <i>20343</i> <i>20344</i> <i>20345</i> <i>20346</i> <i>20347</i> <i>20348</i> <i>20349</i> <i>20350</i> <i>20351</i> <i>20352</i> <i>20353</i> <i>20354</i> <i>20355</i> <i>20356</i> <i>20357</i> <i>20358</i> <i>20359</i> <i>20360</i> <i>20361</i> <i>20362</i> <i>20363</i> <i>20364</i> <i>20365</i> <i>20366</i> <i>20367</i> <i>20368</i> <i>20369</i> <i>20370</i> <i>20371</i> <i>20372</i> <i>20373</i> <i>20374</i> <i>20375</i> <i>20376</i> <i>20377</i> <i>20378</i> <i>20379</i> <i>20380</i> <i>20381</i> <i>20382</i> <i>20383</i> <i>20384</i> <i>20385</i> <i>20386</i> <i>20387</i> <i>20388</i> 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<i>20928</i> <i>20929</i> <i>20930</i> <i>20931</i> <i>20932</i> <i>20933</i> <i>20934</i> <i>20935</i> <i>20936</i> <i>20937</i> <i>20938</i> <i>20939</i> <i>20940</i> <i>20941</i> <i>20942</i> <i>20943</i> <i>20944</i> <i>20945</i> <i>20946</i> <i>20947</i> <i>20948</i> <i>20949</i> <i>20950</i> <i>20951</i> <i>20952</i> <i>20953</i> <i>20954</i> <i>20955</i> <i>20956</i> <i>20957</i> <i>20958</i> <i>20959</i> <i>20960</i> <i>20961</i> <i>20962</i> <i>20963</i> <i>20964</i> <i>20965</i> <i>20966</i> <i>20967</i> <i>20968</i> <i>20969</i> <i>20970</i> <i>20971</i> <i>20972</i> <i>20973</i> <i>20974</i> <i>20975</i> <i>20976</i> <i>20977</i> <i>20978</i> <i>20979</i> <i>20980</i> <i>20981</i> <i>20982</i> <i>20983</i> <i>20984</i> <i>20985</i> <i>20986</i> <i>20987</i> <i>20988</i> <i>20989</i> <i>20990</i> <i>20991</i> <i>20992</i> <i>20993</i> <i>20994</i> <i>20995</i> <i>20996</i> <i>20997</i> <i>20998</i> <i>20999</i> <i>21000</i> <i>21001</i> <i>21002</i> <i>21003</i> <i>21004</i> <i>21005</i> <i>21006</i> <i>21007</i> <i>21008</i> <i>21009</i> <i>21010</i> <i>21011</i> <i>21012</i> <i>21013</i> <i>21014</i> <i>21015</i> <i>21016</i> <i>21017</i> <i>21018</i> <i>21019</i> <i>21020</i> <i>21021</i> <i>21022</i> <i>21023</i> <i>21024</i> <i>21025</i> <i>21026</i> <i>21027</i> <i>21028</i> <i>21029</i> <i>21030</i> <i>21031</i> <i>21032</i> <i>21033</i> <i>21034</i> <i>21035</i> <i>21036</i> <i>21037</i> <i>21038</i> <i>21039</i> <i>21040</i> <i>21041</i> <i>21042</i> <i>21043</i> <i>21044</i> <i>21045</i> <i>21046</i> <i>21047</i> <i>21048</i> <i>21049</i> <i>21050</i> <i>21051</i> <i>21052</i> <i>21053</i> <i>21054</i> <i>21055</i> <i>21056</i> <i>21057</i> <i>21058</i> <i>21059</i> <i>21060</i> <i>21061</i> <i>21062</i> <i>21063</i> <i>21064</i> <i>21065</i> <i>21066</i> <i>21067</i> <i>21068</i> <i>21069</i> <i>21070</i> <i>21071</i> <i>21072</i> <i>21073</i> <i>21074</i> <i>21075</i> <i>21076</i> <i>21077</i> <i>21078</i> <i>21079</i> <i>21080</i> <i>21081</i> <i>21082</i> <i>21083</i> <i>21084</i> <i>21085</i> <i>21086</i> <i>21087</i> <i>21088</i> <i>21089</i> <i>21090</i> <i>21091</i> <i>21092</i> <i>21093</i> <i>21094</i> <i>21095</i> <i>21096</i> <i>21097</i> <i>21098</i> <i>21099</i> <i>21100</i> <i>21101</i> <i>21102</i> <i>21103</i> <i>21104</i> <i>21105</i> <i>21106</i> <i>21107</i> <i>21108</i> <i>21109</i> <i>21110</i> <i>21111</i> <i>21112</i> <i>21113</i> <i>21114</i> <i>21115</i> <i>21116</i> <i>21117</i> <i>21118</i> <i>21119</i> <i>21120</i> <i>21121</i> <i>21122</i> <i>21123</i> <i>21124</i> <i>21125</i> <i>21126</i> <i>21127</i> <i>21128</i> <i>21129</i> <i>21130</i> <i>21131</i> <i>21132</i> <i>21133</i> <i>21134</i> <i>21135</i> <i>21136</i> <i>21137</i> <i>21138</i> <i>21139</i> <i>21140</i> <i>21141</i> <i>21142</i> <i>21143</i> <i>21144</i> <i>21145</i> <i>21146</i> <i>21147</i> <i>21148</i> <i>21149</i> <i>21150</i> <i>21151</i> <i>211</i>																	

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Form Approved. OMB No. 2050-0039. Reauthorized through 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ORD213820917	Manifest Document No. 60972	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97838				A. State Manifest Document Number	
4. Generator's Phone (541) 564-5294				B. State Generator's ID	
5. Transporter 1 Company Name BEI Transportation				C. State Transporter's ID	
6. US EPA ID Number LWAR000001743				D. Transporter's Phone (206) 383-3044	
7. Transporter 2 Company Name				E. State Transporter's ID	
8. US EPA ID Number				F. Transporter's Phone	
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:				G. State Facility's ID	
10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767				H. Facility's Phone (206) 872-8030	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. Material Not Regulated by D.O.T. #UMAD-4			No. 48 Type DM	30,000	P
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information			K. Handling Codes for Wastes Listed Above		
GENERATOR EMERGENCY TELEPHONE (206) 383-3044			<input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Month Day Year	
Mark Daugherty		Mark Daugherty		10/14/96	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Jerry May		Jerry May		10/14/96	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	
Stephen A. Delaney		Stephen A. Delaney		10/15/96	

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Form Approved. OMB No. 2050-0039. Reauthorized through 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ORD213820917	Manifest Document No. 60993	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97538				A. State, Manifest Document Number, and Date	
4. Generator's Phone (541) 564-5254 Attn: Mark Dougherty				B. State Generator's ID	
5. Transporter 1 Company Name BEI Transportation		6. US EPA ID Number WAD 000001743		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility ID	
				H. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. Material Not Regulated by DOT HMAD-4		No. 32	Type DM	26000	P
b. Material Not Regulated by DOT HMAD-6		No. 14	Type DM	15,000	P
c.					
d.					
16. Special Handling Instructions and Additional Information GENERATOR EMERGENCY TELEPHONE (206) 383-3044				<input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED	
17. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Mark Dougherty		Signature Mark Dougherty		Month Day Year 9/14/96	
18. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Max Swick		Signature Max Swick	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Kokota		Signature Kokota		Month Day Year 9/15/96	

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Form Approved. OMB No. 2050-0039. Reauthorized through 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ORD213820917	Manifest Document No. 60990	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97838				A. State Manifest Document Number	
4. Generator's Phone (541) 564-5294 Attn: Mark Daugherty				B. State Generator's ID	
5. Transporter 1 Company Name BEI Transportation		6. US EPA ID Number WAR 000 001743		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 383-3044	
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID Number	
				H. Facility's Phone (206) 872-8030	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity
				No.	Type
a. Material Not Regulated by D.O.T #UMAD-6				63	dm 46,000 p
b.					
c.					
d.					
14. Additional Descriptions for Materials Listed Above				K. Handling Codes for Waste Listed Above	
15. Special Handling Instructions and Additional Information GENERATOR EMERGENCY TELEPHONE (206) 383-3044				<input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name GARY WOGGLE		Gary Woggle		08/13/96	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name					
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Mark Daugherty		Signature Mark Daugherty		Month Day Year 12/15/96	

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ORD 213820917	Manifest Document No. 60939	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97838			A. State Manifest Document Number		
4. Generator's Phone (541) 564-5294			B. State Generator's ID		
5. Transporter 1 Company Name BEI Transportation			C. State Transporter's ID		
6. US EPA ID Number WAD 0000001743			D. Transporter's Phone 206-383-3044		
7. Transporter 2 Company Name			E. State Transporter's ID		
8. US EPA ID Number			F. Transporter's Phone		
9. Designated Facility Name and Site Address <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:			10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Material Not Regulated by DOT P#UMAD-6			67	0m	46,500 P
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information			K. Handling Codes for Wastes Listed Above		
GENERATOR EMERGENCY TELEPHONE 406 383-3044			<input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name MARK DAUGHERTY			Signature Mark Daugherty		Month Day Year 8/13/90
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature Chet Muller		
Printed/Typed Name Chet Muller			Signature		Month Day Year 8/13/90
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Janetia Delacruz			Signature Janetia Delacruz		Month Day Year 8/13/90

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

TRANSPORTER #2

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address US Army Depot Exit 177 Route 84 Hermiston, OR 97838		ORD 213820917		A. State Manifest Document Number	
4. Generator's Phone (541) 864-5294 Attn: Mark Daugherty		6. US EPA ID Number WAR 000 001743		B. State Generator's ID	
5. Transporter 1 Company Name BEI Transportation		7. Transporter 2 Company Name		C. State Transporter's ID	
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		D. Transporter's Phone: 206-383-3044	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		E. State Transporter's ID	
a. Material Not Regulated by D.O.T. I ^U MAAD-6		No. 18 Type DM		F. Transporter's Phone	
b. Material Not Regulated by D.O.T. I ^U MAAD-4		36 DM		G. State Facility's ID Number: 206-383-3044	
c. X Rd. Waste Caustic Alkali Liquids P.O.S (Lime, Calcium Sulfate) 5, UN 1719, PL II I ^U MAAD-16		5 DM 4000		H. Facility's Phone: (206) 872-8030	
d. X Waste Paint Related Material (Paints & Thinners) 3, UN 1263, PL II I ^U MAN-27		1 DM 50			
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information 206 383-3044 DOT Emergency Guide # a.) N/A b.) N/A c.) 60 d.) 26 GENERATOR EMERGENCY TELEPHONE <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Mark E. Daugherty		Signature [Signature]		Month Day Year 8 9 90	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature [Signature]		Month Day Year 8 8 96	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
19. Discrepancy Indication Space Unit C Box I waste made from old wood from Unit D X I waste made from old wood from					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name [Name]		Signature [Signature]		Month Day Year 6 1 96	

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ORD213820917	Manifest Document No. 60001	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97838			A. State Manifest Document Number		
4. Generator's Phone (541) 524-5294 Attn: Mark Daugherty			B. State Generator's ID		
5. Transporter 1 Company Name BEI Transportation			C. State Transporter's ID		
6. US EPA ID Number UWAB000001743			D. Transporter's Phone 206 363-3044		
7. Transporter 2 Company Name			E. State Transporter's ID		
8. US EPA ID Number			F. Transporter's Phone		
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:			10. US EPA ID Number WAD 000812909 WAD 020267045 WAD 991281767		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. Material Not Regulated by D.O.T PUMAD-4			35	0m	28,000 P
b. Material Not Regulated by D.O.T PUMAD-			16	0m	16,000 P
c.					
d.					
15. Special Handling Instructions and Additional Information DOT Emergency Guide # a) N/A b) N/A			K. Handling Codes for Wastes Listed Above		
GENERATOR EMERGENCY TELEPHONE (206) 363-3044			<input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Mark Daugherty			Signature <i>[Signature]</i>		Month Day Year 08 08 96
17. Transporter 1 Acknowledgement of Receipt of Materials			Month Day Year		
Printed/Typed Name JAMES WEDIN			Signature <i>[Signature]</i>		Month Day Year 08 08 96
18. Transporter 2 Acknowledgement of Receipt of Materials			Month Day Year		
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name			Signature		Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address 364-5294 U.S. Army Depot Exit 177 Route 84 Hermiston, OR 97838 Doug Lundy Attn: M.K.		0RD213820917		A. State Manifest Document Number	
4. Generator's Phone (541)		6. US EPA ID Number WAD000001743		B. State Generator's ID	
5. Transporter 1 Company Name BEI Transportation		8. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name				D. Transporter's Phone 206-383-3044	
9. Designated Facility Name and Site Address Burlington Environmental, Inc. <input type="checkbox"/> 734 So. Lucile St. - Seattle, WA - (206) 762-3362 <input type="checkbox"/> 1701 Alexander - Tacoma, WA - (206) 838-4774 <input checked="" type="checkbox"/> 20245 77th Ave. - South Kent, WA - (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone 206-383-3044	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol
a. HM Material Not Regulated by D.O.T. P# UMAP-46		26 dm		20,000	P
b. Material Not Regulated by D.O.T. P# UMAP-64		1 dm		700	P
c.					
d.					
15. Special Handling Instructions and Additional Information		K. Handling Codes for Wastes Listed Above			
GENERATOR EMERGENCY TELEPHONE 206 383-3044		<input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name M. L. D. Lundy		Signature M. L. D. Lundy		Month Day Year 12 19 96	
17. Transporter 1 Acknowledgement of Receipt of Materials		18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed/Typed Name Greg Tugue		Signature Greg Tugue		Month Day Year 12 19 96	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Sybil H. Patacillo		Signature Sybil H. Patacillo		Month Day Year 12 19 96	

TRANSPORTER #2

REPRODUCED FROM
BEST AVAILABLE COPY

ATTACHMENT E
Certificates of Treatment, Recycling, and/or Disposal

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 60001

Waste Receipt #: KNT-34473

Date Received: 08/12/96

Line Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	Pgln	Final Date/ Date Shipped
1A UMAD-4-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08618-KNT	1A	09/18/96
			COLUMBIA RIDGE LANDFILL	08638-KNT	1A	09/22/96
			COLUMBIA RIDGE LANDFILL	08591-KNT	1A	09/13/96
			COLUMBIA RIDGE LANDFILL	08612-KNT	1A	09/17/96
			COLUMBIA RIDGE LANDFILL	08738-KNT	1A	10/07/96
1B UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M141 STORAGE/TRANSFER	COLUMBIA RIDGE LANDFILL	08435-KNT	1A	08/15/96

Name: Jennifer Wisniewski

Signature :

Jennifer Wisniewski

Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 61023

Waste Receipt #: KNT-35667

Date Received: 09/20/96

Line Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	Pgln	Final Date/ Date Shipped
1A UMAD-4-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL COLUMBIA RIDGE LANDFILL COLUMBIA RIDGE LANDFILL	08659-KNT 08657-KNT 08738-KNT	1A 1A 1A	09/26/96 09/26/96 10/07/96

Name: Jennifer Wisniewski

Signature :

Jennifer Wisniewski

Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 60994

Waste Receipt #: KNT-35689

Date Received: 08/15/96

Line Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08722-KNT	1A	10/04/96
1B UMAD-4-00	MATERIAL NOT REGULATED BY DOT	M141 STORAGE/TRANSFER	COLUMBIA RIDGE LANDFILL	08722-KNT	1A	10/04/96

Name: Jennifer Wisniewski

Signature :

Jennifer Wisniewski

Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA EPA ID: ORD213820917

Manifest: 60000 Waste Receipt #: KNT-34565 Date Received: 08/15/96

Line Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08447-KNT	1A	08/17/96
1B UMAD-4-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08447-KNT	1A	08/17/96
1C UMAD-16-00	WASTE CAUSTIC ALKALI LIQUIDS, N.O.S. (LIME, CALCIUM SULFATE) (CALCIUM SULFATE, LIME)	M121 NEUTRALIZATION ONLY	TO TANK TAC-603			09/23/96
		M077 CHEMICAL PRECIPITATION	BEI-TREAT/DISCHARGE TO POTW OPEN TRACKING AT KNT	12764-TAC	1A	09/30/96
			OPEN TRACKING AT KNT	12837-TAC	1A	09/30/96
			OPEN TRACKING AT KNT	12851-TAC	1A	10/24/96
			COLUMBIA RIDGE LANDFILL	12849-TAC	1A	10/31/96
			COLUMBIA RIDGE LANDFILL	12871-TAC	1A	10/24/96
			COLUMBIA RIDGE LANDFILL	12872-TAC	1A	11/07/96
			COLUMBIA RIDGE LANDFILL	12899-TAC	1A	11/18/96
			COLUMBIA RIDGE LANDFILL	12900-TAC	1A	12/02/96
			CHEM WASTE MGMT OF NORTHWEST	12913-TAC	1A	12/03/96
			COLUMBIA RIDGE LANDFILL	12923-TAC	1A	12/05/96
			TO TANK KNT-51			12/17/96
			TO TANK TAC-902			09/20/96
			COLUMBIA RIDGE LANDFILL			09/26/96
			TO TANK TAC-602	08862-KNT	1A	10/25/96
			TO TANK TAC-56			09/18/96
			TO TANK TAC-53			09/27/96
			OPEN TRACKING AT KNT			09/27/96
			OPEN TRACKING AT KNT	12739-TAC	1A	09/20/96
			CHEM WASTE MGMT OF NORTHWEST	12750-TAC	1A	09/23/96
			CHEM WASTE MGMT OF NORTHWEST	12782-TAC	1A	09/26/96
			CHEM WASTE MGMT OF NORTHWEST	12794-TAC	1A	10/03/96
			ASHGROVE CEMENT-FOREMAN	12807-TAC	1A	10/03/96
			ASHGROVE CEMENT-FOREMAN	12790-TAC	1A	10/17/96
			ASHGROVE CEMENT-FOREMAN	12887-TAC	1A	11/19/96
			ASHGROVE CEMENT-FOREMAN	12891-TAC	1A	11/21/96
			ASHGROVE CEMENT-FOREMAN	12904-TAC	1A	12/10/96
			CHEM WASTE MGMT OF NORTHWEST	08505-KNT	1A	08/29/96
1D UMAD--27-00	WASTE PAINT RELATED MATERIAL (PAINTS AND THINNERS)	M061 FUEL BLENDING	TO TANK 1212			10/25/96

Name: Jennifer Wisniewski

Signature :

Jennifer Wisniewski

Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.

EPA ID: WAD991281767
KENT FACILITY
20245 77TH AVENUE SOUTH
WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 60992

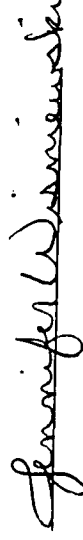
Waste Receipt #: KNT-34563

Date Received: 08/15/96

Line Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A UMAD-4-00	MATERIAL NOT REGULATED BY DOT	M141 STORAGE/TRANSFER	COLUMBIA RIDGE LANDFILL	08440-KNT	1A	08/16/96

Name: Jennifer Wisniewski

Signature :



Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 60991

Waste Receipt #: KNT-34562

Date Received: 08/15/96

Line	Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A	UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08442-KNT	1A	08/16/96

Name: Jennifer Wisniewski

Signature :



Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 60993

Waste Receipt #: KNT-34561

Date Received: 08/15/96

Line Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A UMAD-4-00	MATERIAL NOT REGULATED BY DOT	M141 STORAGE/TRANSFER	COLUMBIA RIDGE LANDFILL COLUMBIA RIDGE LANDFILL	08441-KNT 08512-KNT	1A 1A	08/16/96 08/30/96
1B UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M141 STORAGE/TRANSFER	COLUMBIA RIDGE LANDFILL	08441-KNT	1A	08/16/96

Name: Jennifer Wisniewski

Signature :

Jennifer Wisniewski

Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA EPA ID: ORD213820917

Manifest: 60990


Waste Receipt #: KNT-34564

Date Received: 08/15/96

Line	Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A	UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08446-KNT	1A	08/17/96

Name: Jennifer Wisniewski

Signature :



Title : Waste Tracking Specialist

Date: 01/21/97

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL, INC.
KENT FACILITY
EPA ID: WAD991281767

20245 77TH AVENUE SOUTH
KENT WA 98032

Generator: 14634 - US ARMY DEPOT - UMATILLA

EPA ID: ORD213820917

Manifest: 60989

Waste Receipt #: KNT-34559

Date Received: 08/14/96

Line	Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final BEI Manifest	PgLn	Final Date/ Date Shipped
1A	UMAD-6-00	MATERIAL NOT REGULATED BY DOT	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	08435-KNT	1A	08/15/96

Name: Jennifer Wisniewski

Signature :

Jennifer Wisniewski

Title : Waste Tracking Specialist

ATTACHMENT F
Inventory of Drums Classified As Non-Hazardous
and Disposed of On Post at Site 12 (Inactive Landfills)

ATTACHMENT F

Dames & Moore Generated Drums (SRI) Disposed of at Site 12

11/26/96

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM	Comments
1	69	69-1	1	9/26/92	0-15	cuttings	S
2	69	69-1	2	9/26/92	15-30	cuttings	S
3	69	69-1	3	9/26/92	30-40	cuttings	S
4	69	69-1	4	9/26/92	40-60	cuttings	S
5	69	69-1	5	9/26/92	60-70	cuttings	S
6	69	69-1	6	9/26/92	70-80	cuttings	S
7	70	70-1	1	9/23/92	0-15	cuttings	S
8	70	70-1	2	9/23/92	15-30	cuttings	S
9	70	70-1	3	9/23/92	30-45	cuttings	S
10	70	70-1	4	9/23/92	45-60	cuttings	S
11	70	70-1	5	9/23/92	60-75	cuttings	S
12	70	70-1	6	9/23/92	75-90	cuttings	S
13	70	70-1	7	9/23/92	90-105	cuttings	S
14	70	70-2	1	9/24/92	0-15	cuttings	S
15	70	70-2	2	9/24/92	15-30	cuttings	S
16	70	70-2	3	9/24/92	30-45	cuttings	S
17	70	70-2	4	9/24/92	45-60	cuttings	S
18	70	70-2	5	9/24/92	60-75	cuttings	S
19	70	70-2	6	9/24/92	75-90	cuttings	S
20	70	70-2	7	9/24/92	90-100	cuttings	S
21	77	77-1	1	9/25/92	0-20	cuttings	S
22	77	77-1	2	9/25/92	20-40	cuttings	S
23	77	77-1	3	9/25/92	40-60	cuttings	S
24	77	77-1	4	9/25/92	60-80	cuttings	S
25	77	77-1	5	9/25/92	60-80	cuttings	S
26	77	77-1	6	9/25/92	80-100	cuttings	S
27	97	UST 101 (STA-34,35)	2	9/21/93	0-8	Soil Cuttings	S
28	97	UST 101 (STA-32,33)	17	9/21/93	0-8	Soil Cuttings	S
29	97	UST 101 (STA-37,38)	9	9/17/93	0-10	Soil Cuttings	S
30	97	UST 102 (STA-36)	18	9/17/93	0-10	Soil Cuttings	S
31	97	UST 11 (STA-1,3)	6	9/21/93	0-10	Soil Cuttings	S
32	97	UST 11 (STA 2,4)	20	9/21/93	0-10	Soil Cuttings	S
33	97	UST 18 (STA 9,10)	27	9/20/93	0-10	Soil Cuttings	S
34	97	UST 18 (STA 11,12)	31	9/19/93	0-10	Soil Cuttings	S
35	97	UST 21 (STA-17,18)	21	9/20/93	0-10	Soil Cuttings	S
36	97	UST 22,23 (STA-19)	26	9/19/93	0-10	Soil Cuttings	S
37	97	UST 22,23 (STA-20)	29	9/20/93	0-10	Soil Cuttings	S
38	97	UST 23 (STA-22)	23	9/20/93	0-10	Soil Cuttings	S
39	97	UST 25 (STA-24,26)	1	9/21/93	0-10	Soil Cuttings	S
40	97	UST 25 (STA-25,27)	5	9/21/93	0-10	Soil Cuttings	S
41	98	Evap. Pond # 2	1	9/17/92	-	Sand	S
42	98	Evap. Pond # 2	2	9/28/92	-	Sand	S
43	98	Evap. Pond # 2	3	9/28/92	-	Sand	S
44	98	Evap. Pond # 2	4	9/28/92	-	Sand	S
45	98	Evap. Pond # 2	5	9/28/92	-	Sand	S
46	98	Evap. Pond # 2	6	9/28/92	-	Sand	S
47	98	Evap. Pond # 2	7	9/29/92	-	Sand	S
48	98	Evap. Pond # 2	8	9/29/92	-	Sand	S
49	98	Evap. Pond # 2	9	9/28/92	-	Sand	S
50	98	Evap. Pond # 2	10	9/28/92	-	Sand	S
51	98	Evap. Pond # 2	11	9/28/92	-	Sand	S
52	98	Evap. Pond # 2	12	9/28/92	-	Sand	S
53	98	Evap. Pond # 2	13	9/28/92	-	Sand	S
54	98	Evap. Pond # 2	14	9/28/92	-	Sand	S
55	98	Evap. Pond # 2	15	9/30/92	-	Sand	S
56	98	Evap. Pond # 2	16	9/30/92	-	Sand	S

ATTACHMENT F (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM	Comments
57	98	Evap. Pond # 2	17	9/29/92	-	Sand	S
58	98	Evap. Pond # 2	18	9/29/92	-	Sand	S
59	98	Evap. Pond # 2	19	9/29/92	-	Sand	S
60	98	Evap. Pond # 2	20	9/30/92	-	Sand	S
61	98	Evap. Pond # 2	21	9/29/92	-	Sand	S
62	98	Evap. Pond # 2	22	9/29/92	-	Sand	S
63	98	Evap. Pond # 2	23	9/29/92	-	Sand	S
64	98	Evap. Pond # 2	24	9/29/92	-	Sand	S
65	98	Evap. Pond # 2	25	9/29/92	-	Sand	S
66	98	Evap. Pond # 2	26	9/29/92	-	Sand	S
67	98	Evap. Pond # 2	27	9/28/92	-	Sand	S
68	98	Evap. Pond # 2	28	9/29/92	-	Sand	S
69	98	Evap. Pond # 2	29	9/28/92	-	Sand	S
70	98	Evap. Pond # 2	30	9/28/92	-	Sand	S
71	98	Evap. Pond # 2	31	9/30/92	-	Sand	S
72	98	Evap. Pond # 2	32	9/29/92	-	Sand	S
73	98	Evap. Pond # 2	33	9/29/92	-	Sand	S
74	98	Evap. Pond # 2	34	9/29/92	-	Sand	S
75	98	Evap. Pond # 2	35	9/28/92	-	Sand	S
76	98	Evap. Pond # 2	36	9/29/92	-	Sand	S
77	98	Evap. Pond # 2	37	9/28/92	-	Sand	S
78	98	Evap. Pond # 2	38	9/30/92	-	Sand	S
79	98	Evap. Pond # 2	39	9/30/92	-	Sand	S
80	98	Evap. Pond # 2	40	9/28/92	-	Sand	S
81	98	Evap. Pond # 2	41	9/30/92	-	Sand	S
82	98	Evap. Pond # 2	42	9/30/92	-	Sand	S
83	98	Evap. Pond # 2	43	9/28/92	-	Sand	S
84	98	Evap. Pond # 2	44	9/30/92	-	Sand	S
85	98	Evap. Pond # 2	45	9/29/92	-	Sand	S
86	98	Evap. Pond # 2	46	9/29/92	-	Sand	S
87	98	Evap. Pond # 2	47	9/29/92	-	Sand	S
88	98	Evap. Pond # 2	48	9/29/92	-	Sand	S
89	98	Evap. Pond # 2	49	9/28/92	-	Sand	S
90	98	Evap. Pond # 2	50	9/30/92	-	Sand	S
91	98	Evap. Pond # 2	51	9/30/92	-	Sand	S
92	98	Evap. Pond # 2	52	9/28/92	-	Sand	S
93	98	Evap. Pond # 2	53	9/29/92	-	Sand	S
94	98	Evap. Pond # 2	54	9/28/92	-	Sand	S
95	98	Evap. Pond # 2	55	9/28/92	-	Sand	S
96	98	Evap. Pond # 2	56	9/29/92	-	Sand	S
97	98	Evap. Pond # 2	57	9/29/92	-	Sand	S
98	98	Evap. Pond # 2	58	9/28/92	-	Sand	S
99	98	Evap. Pond # 2	59	9/28/92	-	Sand	S
100	98	Evap. Pond # 2	60	9/28/92	-	Sand	S
101	98	Evap. Pond # 2	61	9/28/92	-	Sand	S
102	98	Evap. Pond # 2	62	9/30/92	-	Sand	S
103	98	Evap. Pond # 2	63	9/30/92	-	Sand	S
104	98	Evap. Pond # 2	64	9/28/92	-	Sand	S
105	98	Evap. Pond # 2	65	9/28/92	-	Sand	S
106	98	Evap. Pond # 2	66	9/30/92	-	Sand	S
107	98	Evap. Pond # 2	67	9/30/92	-	Sand	S
108	98	Evap. Pond # 2	68	9/29/92	-	Sand	S
109	98	Evap. Pond # 2	69	9/28/92	-	Sand	S
110	98	Evap. Pond # 2	70	9/30/92	-	Sand	S
111	98	Evap. Pond # 2	71	9/30/92	-	Sand	S
112	98	Evap. Pond # 2	72	9/30/92	-	Sand	S
113	98	Evap. Pond # 2	73	9/30/92	-	Sand	S
114	98	Evap. Pond # 2	74	9/30/92	-	Sand	S
115	98	Evap. Pond # 2	75	9/28/92	-	Sand	S
116	98	Evap. Pond # 2	76	9/30/92	-	Sand	S
117	98	Evap. Pond # 2	77	9/29/92	-	Sand	S

ATTACHMENT F (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM	Comments
118	98	Evap. Pond # 2	78	9/30/92	-	Sand	S
119	98	Evap. Pond # 2	79	9/30/92	-	Sand	S
120	98	Evap. Pond # 2	80	9/30/92	-	Sand	S
121	98	Evap. Pond # 2	81	9/29/92	-	Sand	S
122	98	Evap. Pond # 2	82	9/29/92	-	Sand	S
123	98	Evap. Pond # 2	83	9/28/92	-	Sand	S
124	98	Evap. Pond # 2	84	9/28/92	-	Sand	S
125	98	Evap. Pond # 2	85	9/29/92	-	Sand	S
126	98	Evap. Pond # 2	86	9/29/92	-	Sand	S
127	98	Evap. Pond # 2	87	9/28/92	-	Sand	S
128	98	Evap. Pond # 2	88	9/29/92	-	Sand	S
129	98	Evap. Pond # 2	89	9/28/92	-	Sand	S
130	98	Evap. Pond # 2	90	9/29/92	-	Sand	S
131	98	Evap. Pond # 2	91	9/29/92	-	Sand	S
132	98	Evap. Pond # 2	92	9/29/92	-	Sand	S
133	98	Evap. Pond # 2	93	9/29/92	-	Sand	S
134	98	Evap. Pond # 2	94	9/29/92	-	Sand	S
135	98	Evap. Pond # 2	95	9/29/92	-	Sand	S
136	98	Evap. Pond # 2	96	9/29/92	-	Sand	S
137	98	Evap. Pond # 2	97	9/29/92	-	Sand	S
138	98	Evap. Pond # 2	98	9/28/92	-	Sand	S
139	98	Evap. Pond # 2	99	9/29/92	-	Sand	S
140	98	Evap. Pond # 2	100	9/29/92	-	Sand	S
141	98	Evap. Pond # 2	101	9/29/92	-	Sand	S
142	98	Evap. Pond # 2	102	9/29/92	-	Sand	S
143	98	Evap. Pond # 2	103	9/28/92	-	Sand	S
144	98	Evap. Pond # 2	104	9/28/92	-	Sand	S
145	98	Evap. Pond # 2	105	9/28/92	-	Sand	S
146	98	Evap. Pond # 2	106	9/28/92	-	Sand	S
147	98	Evap. Pond # 2	107	9/28/92	-	Sand	S
148	98	Evap. Pond # 2	108	9/28/92	-	Sand	S
149	98	Evap. Pond # 2	109	9/28/92	-	Sand	S
150	98	Evap. Pond # 2	110	9/29/92	-	Sand	S
151	98	Evap. Pond # 2	111	9/28/92	-	Sand	S
152	98	Evap. Pond # 2	112	9/28/92	-	Sand	S
153	98	Evap. Pond # 2	113	9/28/92	-	Sand	S
154	98	Evap. Pond # 2	114	9/28/92	-	Sand	S
155	98	Evap. Pond # 2	115	9/29/92	-	Sand	S
156	98	Evap. Pond # 2	116	9/28/92	-	Sand	S
157	98	Evap. Pond # 2	117	9/29/92	-	Sand	S
158	98	Evap. Pond # 2	118	9/28/92	-	Sand	S
159	98	Evap. Pond # 2	119	9/28/92	-	Sand	S
160	98	Evap. Pond # 2	120	9/28/92	-	Sand	S
161	98	Evap. Pond # 2	121	9/28/92	-	Sand	S
162	98	Evap. Pond # 2	122	9/29/92	-	Sand	S
163	98	Evap. Pond # 2	123	9/28/92	-	Sand	S
164	98	Evap. Pond # 2	124	9/28/92	-	Sand	S
165	98	Evap. Pond # 2	125	9/29/92	-	Sand	S
166	98	Evap. Pond # 2	126	9/29/92	-	Sand	S
167	98	Evap. Pond # 2	127	9/29/92	-	Sand	S
168	98	Evap. Pond # 2	128	9/29/92	-	Sand	S
169	98	Evap. Pond # 2	129	9/29/92	-	Sand	S
170	98	Evap. Pond # 2	130	9/29/92	-	Sand	S
171	98	Evap. Pond # 2	131	9/29/92	-	Sand	S
172	98	Evap. Pond # 2	132	9/29/92	-	Sand	S
173	98	Evap. Pond # 2	133	9/29/92	-	Sand	S
174	98	Evap. Pond # 2	134	9/29/92	-	Sand	S
175	98	Evap. Pond # 2	135	9/28/92	-	Sand	S
176	98	Evap. Pond # 2	136	9/29/92	-	Sand	S
177	98	Evap. Pond # 2	137	9/28/92	-	Sand	S
178	98	Evap. Pond # 2	138	9/29/92	-	Sand	S

ATTACHMENT F (cont'd)

	SITE ID	DRUM LABEL	DRUM #	DATE ON DRUM	DEPTH (FT)	DESCRIPTION ON DRUM	Comments
179	98	Evap. Pond # 2	139	9/29/92	-	Sand	S
180	98	Evap. Pond # 2	140	9/29/92	-	Sand	S
181	98	Evap. Pond # 2	141	9/29/92	-	Sand	S
182	98	Evap. Pond # 2	142	9/29/92	-	Sand	S
183	98	Evap. Pond # 2	143	9/28/92	-	Sand	S
184	98	Evap. Pond # 2	144	9/28/92	-	Sand	S
185	98	Evap. Pond # 2	145	9/29/92	-	Sand	S
186	98	Evap. Pond # 2	146	9/28/92	-	Sand	S
187	98	Evap. Pond # 2	147	9/29/92	-	Sand	S
188	98	Evap. Pond # 2	148	9/29/92	-	Sand	S
189	98	Evap. Pond # 2	149	9/28/92	-	Sand	S
190	98	Evap. Pond # 2	150	9/29/92	-	Sand	S
191	98	Evap. Pond # 2	151	9/28/92	-	Sand	S
192	98	Evap. Pond # 2	152	9/29/92	-	Sand	S
193	98	Evap. Pond # 2	153	9/29/92	-	Sand	S
194	98	Evap. Pond # 2	154	9/28/92	-	Sand	S
195	98	Evap. Pond # 2	155	9/28/92	-	Sand	S
196	98	Evap. Pond # 2	156	9/28/92	-	Sand	S
197	98	Evap. Pond # 2	157	9/28/92	-	Sand	S
198	98	Evap. Pond # 2	158	9/28/92	-	Sand	S
199	98	Evap. Pond # 2	159	9/28/92	-	Sand	S
200	98	Evap. Pond # 2	160	9/28/92	-	Sand	S
201	98	Evap. Pond # 2	161	9/28/92	-	Sand	S
202	98	Evap. Pond # 2	162	9/28/92	-	Sand	S
203	98	Evap. Pond # 2	163	9/29/92	-	Sand	S
204	98	Evap. Pond # 2	164	9/28/92	-	Sand	S
205	98	Evap. Pond # 2	165	9/28/92	-	Sand	S
206	98	Evap. Pond # 2	166	9/29/92	-	Sand	S
207	98	Evap. Pond # 2	167	9/28/92	-	Sand	S
208	98	Evap. Pond # 2	168	9/28/92	-	Sand	S
209	98	Evap. Pond # 2	169	9/28/92	-	Sand	S
210	98	Evap. Pond # 2	170	9/28/92	-	Sand	S
211	98	Evap. Pond # 2	171	9/28/92	-	Sand	S
212	98	Evap. Pond # 2	172	9/28/92	-	Sand	S
213	98	Evap. Pond # 2	173	9/28/92	-	Sand	S
214	98	Evap. Pond # 2	174	9/28/92	-	Sand	S

ATTACHMENT G
Manifest for Empty 55-Gallon Drums Remaining after Disposal of
Non-Hazardous Soil at Site 12 (Inactive Landfills)

THIS MEMORANDUM

is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 75801

(Carrier) LOVEK TRANSPORTATION

SCAC. _____

Carrier's No. _____

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at UMETILLA ARMY DEPOT

date 11-27-96

from PHILIP ENVIRO.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout the contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1000) which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee for purposes of notification only.)

TO: Consignee MYERS CONTAINER

Street

Destination

Zip

FROM: PHILIP ENVIRONMENTAL

Shipper: UMETILLA ARMY DEPOT

Street

Origin

Zip

Route:

Delivering Carrier: LOVEK

Trailer Initial/Number

U.S. DOT Hazmat Req. Number

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Charges
1		FORKLIFT							
214		ENVIRO 550 O.T. DRUMS							

Remit C.O.D. to:

Address:

City:

State:

Zip:

COD

AMT:

\$

Charges Advanced

\$

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:

Prepaid ☐

Collect ☐ \$

FREIGHT CHARGE

☐ Prepaid ☐ Collect

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note: - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED

PLACARDS SUPPLIED

☐ YES ☐ NO - FURNISHED BY CARRIER
DRIVER'S SIGNATURE:

SHIPPER: [Signature]

CARRIER: [Signature]

PER: _____

DATE: _____

PER: [Signature]

DATE: 11-27-96

EMERGENCY RESPONSE

TELEPHONE NUMBER: () _____

Permanent post office address of shipper

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.6)

9-BLS-A3 (Rev. 7/)

ATTACHMENT H
Inventory of Solid Waste Disposed of Off Post

Inventory of Solid Waste Disposed of Off Post

<u>Item Description</u>	<u>Quantity</u>	<u>Location</u>
<u>Possibly Contaminated Equipment</u>		
Polyethylene pipe #200	300 ft	Building 411
PVC pipe 1-inch	160 ft	Building 411
PVC pipe 2-inch	840 ft	Building 411
PVC pipe 2-inch	500 ft	Building 411
PVC pipe 4-inch	500 ft	Building 411
Polyethylene pipe	100 yd ³	Building 411
Alarm Float Assembly with cords	1	Building 411
PVC 1 1/4" schedule 40 conduit	1000 ft	Building 411
PVC 2" D-B light wall conduit	1000 ft	Building 411
Flow Meter, 1 1/2" Badger (Totalizer)	6	Building 411
Garden hose	40 ft	Building 411
<u>Pumps</u>		
Tuthill, manual piston for 55gal drums	1	Building 411
Fairbanks Morse LSP150 1.5HP	1	Building 411
Fairbanks Morse LSP150 1.5HP	1	Building 411
manometer & gate valve		
Myers QP20 2HP w/ manometer and gate valve	1	Building 411
Myers QP30 3HP w/manometer and gate valve	1	Building 411
<u>Tanks</u>		
Poly, 1,000 gal	6	Building 411
Poly, 250 gal	2	Building 411
Poly, 750 gal	4	Building 411
Poly, 300 gal	2	Building 203
Cooler, Rubbermaid Mini	3	Building 203
Hose, 2" reinforced	15 ft	Building 203
flexible w/snap on fittings		
Stainless Steel bowls	11	Building 203
Stainless Steel spoons	5	Building 203
Chlorine (bleach?) solution container, 5 gal, empty	1	Building 203
<u>Clean Equipment</u>		
Cable, Aircraft 3/16"	160 ft	Building 411
Cable, Aircraft 3/16"	100 ft	Building 411
Cord, 14-3 Type SOW	100 ft	Building 411
Cord, 14-3 Type SOW	100 ft	Building 411
Cord, 14-3 Type SOW	80 ft	Building 411
Disconnect and Junction Box with Post	2	Building 411
Disconnects (2) and Junction Box with Post	1	Building 411

Inventory of Solid Waste Disposed of Off Post (cont'd)

<u>Item Description</u>	<u>Quantity</u>	<u>Location</u>
<u>Fittings, Miscellaneous Galvanized</u>		
Nipple, 1 1/2", threaded m/m	2	Building 411
Nipple, 2", threaded m/m	2	Building 411
Various couplers		Building 411
<u>Fittings, Miscellaneous PVC</u>		
Adapter, 1 1/2", glue to thread, f/f	2	Building 411
Couplers, 1 1/2"	4	Building 411
Couplers, 2"	1	Building 411
Cross, 1 1/2"	2	Building 411
Elbows, 1 1/2"	6	Building 411
Elbows, 1 1/2", threaded	1	Building 411
Elbows, 2"	?	Building 411
Nipple, 1 1/2", threaded, m/m	2	Building 411
Nipple, 1 1/4", threaded, m/m	1	Building 411
Reducers, 1 1/4"x3/4"	5	Building 411
Reducers, 2"x1 1/2"	1	Building 411
Reducers, 3"x2"	1	Building 411
Tees, 1 1/2"	10	Building 411
Tees, 1 1/2", threaded	1	Building 411
Tees, 1 1/2"x1 1/2"x 1 1/4"	1	Building 411
Tees, 2"	1	Building 411
Tees, 2"x2"x1 1/4"	3	Building 411
Unions, 1 1/2"	3	Building 411
Unions, 2"	3	Building 411
Lights, Explosion-proof, with Upright 150 watts	2	Building 411
Lights, Explosion-proof, with Upright and Pedestal, 150 watts	2	Building 411
Load Center with Post, 125 amp	1	Building 411
Manometers, 100 psi	1	Building 411
Manometers, 30 psi	3	Building 411
Rods, Grounding 3/4"x30"	6	Building 411
Steel Roadway Driveover	1	Building 411
Switch, Transfer Safety, 200amp	1	Building 411
Valves, Ball, 2"	3	Building 411
Valves, Gate 1 1/2"	10	Building 411
Valves, Gate 2"	5	Building 411
Wire, #2 RHW 3 Conductor with #6 Ground	1000 ft	Building 411
Wire, #6-4 Aluminum	160 ft	Building 411
Wire, #6-4 RHW Aluminum	1000 ft	Building 411

Inventory of Solid Waste Disposed of Off Post (cont'd)

<u>Item Description</u>	<u>Quantity</u>	<u>Location</u>
<u>Drillers Supplies:</u>		
Bentonite, Grout, 50lb Sack	1	Building 411
Bentonite, Mud Gel, 50lb Sack	13	Building 411
Bentonite, Pds. Co., 50lb Sack	2	Building 411
Bolts, 5/8"x4" Galvanized	12	Building 411
Buckets, 5 Gallon Plastic, (Used and Empty)	4	Building 411
Casing, Steel 8"x10feet	1	Building 411
Casing, Steel 8"x20feet	4	Building 412
Concrete Mix, Lonestar 90lb Sack (some already hardened)	16	Building 411
Cover, 4" PVC Pipe	3	Building 411
Covers, 6" Rubber Riser (Used)	5	Building 411
Nuts, 5/8" Galvanized	100	Building 411
Paint, Industrial Enamel Orange, 1 Gallon	2	Building 411
Primer, Industrial Enamel, 1 Gallon	1	Building 411
Sand, Silica 100lb Sack	7	Building 411
Sealing Agent, Peltonite 5 Gallon Bucket	5	
Sheeting, Polyurethane (dark grey)	1 roll	Building 411
Hydraulic Oil from air compressor on drill rig (milk jug)	0.5 gal	Building 411
<u>General</u>		
Answering Machine	1	Building 203
Bag, Plastic, 39"x33", Med. Duty	125	Building 203
Bailer, Disposable	1	Building 203
Bailers, 3" PVC, New, 3 Feet	4	Building 203
Band-It Band, 3/8"x0.027" (steel banding mat'l)	100 ft	Building 203
Band-It Ties (metal clips)	75	Building 203
Batteries, Deep Cycle 12 volt	3	Building 203
Bottles, Cube, Clear Plastic	177	Building 203
Bottles, Plastic, 1 Quart, Clear and Round	336	Building 203
Bottles, Plastic, Clear Round 50ml	105	Building 203
Bottles, Plastic, Clear Round 8oz	10	Building 203
Broom, Kitchen	1	Building 203
Broom, Push	1	Building 203
Buckets, 5 Gallon Plastic	16	Building 203
Capsule, Gelman Sciences Groundwater Sampling	10	Building 203
Capsule, Water Filter/Sampling	30	Building 203
Chairs, Plastic	4	Building 203
Chairs, Rolling Desk	3	Building 203
Coffee Maker, Braun Automatic	1	Building 203

Inventory of Solid Waste Disposed of Off Post (cont'd)

<u>Item Description</u>	<u>Quantity</u>	<u>Location</u>
Concrete Screw Nails, 2.5"	60	Building 203
Coveralls, Non-porous, White	50	Building 203
Drums, 55 Gallon, for Trash	5	Building 203
Dust Pan	1	Building 203
Ear Plugs, 3M #100	100 pair	Building 203
Envelopes, 8"x11"	15	Building 203
Fishing Line, Trilene 50lb Test	400 yd	Building 203
Gas Cans, Galvanized 5 Gallons	1	Building 203
Gas Cans, Rubbermaid 2.5 Gallons	1	Building 203
Gloves: Derma Thin Examination, 5mil, Green	200	Building 203
Gloves: Dura-Touch Vinyl, XL, Green	400	Building 203
Gloves: Edmont Solvex, Size 11	19 doz	Building 203
Gloves: Edmont Solvent, Size 9-9 1/2	25 doz	Building 203
Gloves: Examination, Clear	200	Building 203
Jar, Amber Bottle, 0.125 Septa-Liner, 60ml	192	Building 203
Jar, Amber, Teflon Lined Closure for Semi Volatiles, Metals, etc. 16oz	58	Building 203
Jar, Amber, Teflon Lined Closure for Semi Volatiles, Metals, etc. 8oz	60	Building 203
Jar, Septa Bottle Flint Amber, 250ml	7	Building 203
Jars, Amber, Teflon Closure, 60ml	291	Building 203
Jars, Wide-Mouth Amber Packers w/ Closed Tops & Teflon Capliners, 32oz	1560	Building 203
Jars, Wide-Mouth Amber, 32oz	47	Building 203
Jugs, Amber 4 l	56	Building 203
Light Bulbs, 200 Watts	4	Building 203
Over-jar for Chemicals, Plastic, 4 l	1	Building 203
Paper Towels, roll	15	Building 203
Permatape, 5" wide, partial roll	1	Building 203
Pick, Miner's	1	Building 203
Pipe, Black 1/2" Poly, 125 psi, 100 feet/roll	20 rolls	Building 203
Pitch Fork	1	Building 203
Putty Knife	1	Building 203
Respirator Cartridges, MSA: Comb. Organic Vapor, Dust	8	Building 203
Respirator Cartridges, North: Comb. Organic Vapor, Chlorine etc.	4	Building 203
Respirator Cartridges, North: Comb. Organic Vapor, Dust etc.	2	Building 203
Respirator, 3M Dust and Mist	20	Building 203
Rope, Leigh Braided Nylon, 3/16" x 475ft	17	Building 203
Rubber Bands	1100	Building 203
Safety Glasses, Clear	6	Building 203
Safety Glasses, Dark	10	Building 203

Inventory of Solid Waste Disposed of Off Post (cont'd)

<u>Item Description</u>	<u>Quantity</u>	<u>Location</u>
Sheeting, Polyurethane, Clear	1 roll	Building 203
Split Spoon Sampler w/o Shoe	1	Building 203
Split Spoon Sampler w/ Shoe	2	Building 203
Sprayer, Garden, 2 gallons	1	Building 203
Storage Boxes, Plastic with Interlocking Lids	5	Building 203
Surveyor's Flags	30	Building 203
Surveyor's Ribbon, Blue and White Striped, partial roll	1	Building 203
Surveyor's Ribbon, Green, partial roll	1	Building 203
Surveyor's Ribbon, Pink, partial roll	1	Building 203
Surveyor's Ribbon, Yellow, partial roll	1	Building 203
Tables, Folding	3	Building 203
Tape Dispenser	1	Building 203
Tape, Leitz-Eslon Fiberglass, 300 feet	1	Building 203
Telephones	2	Building 203
Tins Empty	13	Building 203
Tongs, Ekco	5	Building 203
Tool Box, Empty	1	Building 203
Trip Blanks for VOA Tins	12	Building 203
Tube, Connectors 3/8"	12	Building 203
Tubing, MasterFlex Silicone 25ft/Box	7 boxes	Building 203
Tubing, T-194 Polyurethane, 3/8" ODx .0625 wall	200 ft	Building 203
Tubing, Tygon Plastic 3/8"	10 ft	Building 203
VOA Tins with 4 Bottles/Tin	30	Building 203
Wastebasket, Rubbermaid 20 quart	2	Building 203
Water Dispenser, Plastic, 5 Gallon	5	Building 203
Water, Distilled	174 gal	Building 203
<u>Field Lab Supplies</u>		
Amber Borosilicate Vial, 40ml	500	Building 203
Brushes, Cleaning, for Glass Ware	5	Building 203
Cuvette Rack	1	Building 203
Eyewash, Bel-Art Production, ~750 ml	4	Building 203
Graduated Cylinders, Glass, 100ml	5	Building 203
Graduated Cylinders, Glass, 10ml	3	Building 203
Graduated, Cylinders, Glass, 500ml	1	Building 203
pH Probe/Electrode, Cole-Palmer	2	Building 203
Pipets, Glass & Disposable	500	Building 203
Pipets, Glass & Disposable, 25ml	100	Building 203
Pipets, Glass, 5ml	1000	Building 203
Pipets, Pasteur	500	Building 203
Solid Phase Extraction Cartridges: Haysep-R 6ml Tubes, 1g	150	Building 203
Solvent Wash Storage Container, Plastic 5 Gallons (empty)	1	Building 203

Inventory of Solid Waste Disposed of Off Post (cont'd)

<u>Item Description</u>	<u>Quantity</u>	<u>Location</u>
Stoppers, Rubber	100	Building 203
Supelco Solid Phase Extraction Vacuum Manifold	1	Building 203
Syringe, Plastic, 10ml	50	Building 203
Syringe, Plastic, 60ml	30	Building 203
UV/VIS Cuvettes, Plastic	500	Building 203
Volumetric Flasks, Glass, 100ml	3	Building 203
Volumetric Flasks, Glass, 50ml	1	Building 203
Wash Bottles, (nalgene, 500ml), Used	10	Building 203
Wash Bottles, 500ml	6	Building 203
Whatman Absorbent Protector, 46cm x 50m	1 reel	Building 203

ATTACHMENT I

**List of Materials Remaining On Site for Use During
Remediation of Site 4 (Explosive Washout Lagoons)**

96007/RP

SC-9. IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY (AFR 1984) (FAR 52.245-3): The Government will furnish to the Contractor the property identified in the schedule to be incorporated or installed into the work or used in performing the contract. The listed property will be furnished f.o.b. railroad cars at the place specified in the contract schedule or f.o.b. truck at the project site. The Contractor is required to accept delivery, pay any demurrage or detention charges, and unload and transport the property to the jobsite at its own expense. When the property is delivered, the Contractor shall verify its quantity and condition and acknowledge receipt in writing to the Contracting Officer. The Contractor shall also report in writing to the Contracting Officer within 24 hours of delivery any damage to or shortage of the property as received. All such property shall be installed or incorporated into the work at the expense of the Contractor, unless otherwise indicated in this contract. (The listed property will be furnished to the Contractor at the place designated by the Contracting Officer.)

SCHEDULE

<u>QUANTITY</u>	<u>ITEM</u>	<u>DESCRIPTION</u>
		Granular Activated Carbon (GAC) Treatment Vessel
1	1A	447 LB carbon
1	1B	1,000 LB carbon
1	2A	680 LB carbon
1	2B	1,000 LB carbon
1	3A	680 LB carbon
1	3B	1,000 LB carbon
1		5-foot (ft) Diameter by 6-ft Height Vertical Storage Polyethylene Tank
1		6-ft Diameter by 7-ft Height Vertical Storage Polyethylene Tank
1		6-ft Diameter by 8-ft Height Vertical Storage Polyethylene Tank

This property has been
dedicated for use by
ICF Kaiser during contaminant
remediation of the Washout
Plant (Bldg 489).
Do not dispose of this property!

ATTACHMENT J

Weight Tickets for Solid Waste Disposed of Off Post



RABANCO REGIONAL DISPOSAL CO.

P.O. Box 338
Roosevelt, WA 99356
(509) 384-5641

TICKET NUMBER 264084

*** COMPLETED WEIGHT TICKET ***

TRUCK ID: 735 Peterbilt-Red-Ross

ACCOUNT: 12811 Philip Environmental

COMMODITY: 30 CDL

SOURCE: Umatilla, OR

JOB ID:

CONTAINER #: RABU 480226,

SEAL #:

CUSTOMER TICKET #: 042604

CUSTOMER WEIGHT: 0 LBS

COMMENTS:

COPY

	WEIGHT	TIME	DATE
IN:	51880 LBS	14:55	08/12/96
OUT:	42440 LBS	14:56	08/12/96

NET	WEIGHT:	
	9440 LBS /	4.720 TONS



Weighmaster - TONI

Driver

CORPORATE COPY

I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.



RABANCO REGIONAL DISPOSAL CO.

P.O. Box 338
Roosevelt, WA 99356
(509) 384-5641

TICKET NUMBER

264890

*** COMPLETED WEIGHT TICKET ***

TRUCK ID: 735 Peterbilt-Red-Ross

ACCOUNT: 12811 Philip Environmental

COMMODITY: 30 CDL

SOURCE: Umatilla, OR

JOB ID:

CONTAINER #: RABU 480312,

SEAL #:

COPY

CUSTOMER TICKET #: 042739

CUSTOMER WEIGHT: 0 LBS

COMMENTS:

	WEIGHT	TIME	DATE
IN:	52340 LBS	07:32	08/16/96
OUT:	42320 LBS	07:58	08/16/96

NET	WEIGHT:	
	9920 LBS /	4.960 TONS



I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE

CORPORATE COPY

AUG-16-1996 08:52

REGIONAL DISPOSAL COMPANY

13073040001

P.02

08/16/96 08:50:26

REGIONAL DISPOSAL COMPANY

PAGE: 1

4135C

RECAP OF WEIGHT TICKETS

ACCOUNT: Philip Environmental

TICKET #	TIME	TRUCK#	GROSS	TARE	NET POUNDS	NET TONS	TYPE	JOB CODE	CONTAINER
DATE: 08/12/96									
264084	14:55	735	51880	42440	9440	4.720	COL		RABU 480226
					9440	4.720			
TOTAL FOR: 08/12/96					9440	4.720			
=====									
DATE: 08/16/96									
264890	07:32	735	52240	42320	9920	4.960	COL		RABU 480312
					9920	4.960			
TOTAL FOR: 08/16/96					9920	4.960			
					9920	4.960			
TOTALS FOR: Philip Environmental					19360	9.680			
					19360	9.680			
REPORT TOTALS:					19360	9.680			
					19360	9.680			